

# JVC

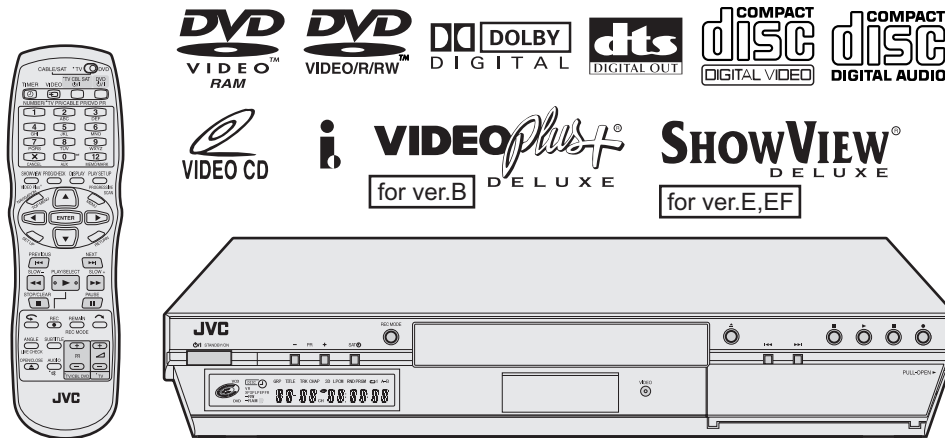
## SERVICE MANUAL

### DVD VIDEO RECORDER

## DR-M1SL

#### Area Suffix

B ----- U.K.  
E ----- Continental Europe  
EF ----- France



Since the whole mechanism assembly unit is replaced, the DVD recorder mechanism of this unit need not be adjusted.

### TABLE OF CONTENTS

1	PRECAUTION.....	1-3
2	SPECIFIC SERVICE INSTRUCTIONS.....	1-5
3	DISASSEMBLY .....	1-6
4	ADJUSTMENT .....	1-9
5	TROUBLESHOOTING .....	1-10

# SPECIFICATION

GENERAL			
Power requirement	AC 220 V - 240 Vd, 50 Hz/60 Hz		
Power consumption	Power on : 34 W Power off : 18.5 W		
Temperature	Operating : 5°C to 40°C Storage : -20°C to 60°C		
Operating position	Horizontal only		
Dimensions (W × H × D)	435 mm × 70 mm × 346 mm		
Weight	4.5 kg		
VIDEO/AUDIO			
Pickup	CD	Wavelength : 780 nm Maximum output power : 0.5 mW	
	DVD	Wavelength : 650 nm Maximum output power : 1.0 mW	
Recordable disc	DVD-RAM	12 cm : 4.7 GB/9.4 GB, 8 cm : 1.4 GB/2.8 GB	
	DVD-R	12 cm: 4.7 GB, 8 cm: 1.4 GB for General Ver. 2.0	
	DVD-RW	4.7 GB for Ver. 1.0/1.1	
Recording format	DVD-RAM	DVD Video Recording format	
	DVD-R	DVD-Video format	
	DVD-RW	DVD-Video format, DVD Video Recording format	
Recording time	Maximum 6 hours (with 4.7 GB disc) (XP) : Approx. 1 hour, (SP) : Approx. 2 hours, (LP) : Approx. 4 hours, (EP) : Approx. 6 hours, (FR) : Approx. 1 hour - 6 hours		
Playable disc	DVD-RAM	12 cm : 4.7 GB/9.4 GB, 8 cm : 1.4 GB/2.8 GB	
	DVD-R	12 cm: 4.7 GB, 8 cm: 1.4 GB for General Ver. 2.0	
	DVD VIDEO, DVD-RW	4.7 GB	
	Music CD (CD-DA)		
	Video CD		
	CD-R/RW (CD-DA, Video CD formatted discs)		
Audio recording system	Dolby Digital (2 ch) Linear PCM (XP mode only)		
Video recording compression system	MPEG2 (CBR/VBR)		
Input/Output			
S-video input	Y : 0.8 - 1.2 Vp-p, 75 Ω C : 0.2 - 0.4 Vp-p, 75 Ω		
S-video output	Y : 1.0 Vp-p, 75 Ω C : 0.3 Vp-p, 75 Ω		
RGB output	R : 0.7 Vp-p, 75 Ω G : 0.7 Vp-p, 75 Ω B : 0.7 Vp-p, 75 Ω		
Video input	0.5 - 2.0 Vp-p, 75 Ω (pin jack)		
Video output	1.0 Vp-p, 75 Ω (pin jack)		
Audio input	-8 dB, 50 kΩ (pin jack) Corresponding to mono (left)		
Audio output	-8 dB, 1 kΩ (pin jack)		
i.Link	4-pin for DV input		
Component video output	Y : 1.0 Vp-p, 75 Ω CB/CR, PB/PR : 0.7 Vp-p, 75 Ω Corresponding to copy protection		
Optical digital audio output	-18 dBm, 660 nm Corresponding to Dolby Digital and DTS Digital Surround Bit stream Selectable in digital audio output setting menu		
TUNER/TIMER			
Signal system	PAL-type colour signal and CCIR monochrome signal, 625 lines 50 fields		
TV channel storage capacity	99 positions (+AUX position)		
Tuning system	Frequency synthesized tuner		
Channel coverage	VHF 44.5 MHz - 143 MHz/143 MHz - 470 MHz UHF 470 MHz - 862 MHz		
Memory backup time	Approx. 60 min.		
ACCESSORIES			
Provided accessories	RF cable, 21-pin SCART cable, Satellite Controller, Infrared remote control unit, "AA" battery × 2		

Specifications shown are for SP mode unless otherwise specified.  
E.& O.E. Design and specifications subject to change without notice.

# SECTION 1

## PRECAUTION

### 1.1 Safety Precautions

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (  $\Delta$  ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

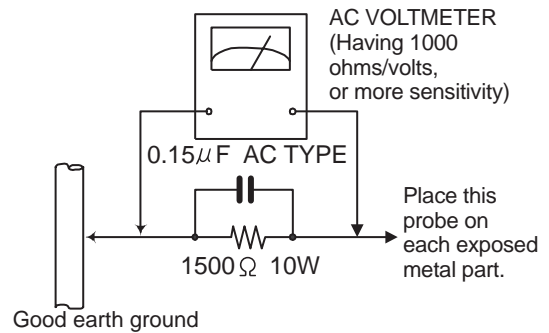
(5) Leakage shock hazard testing

After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method  
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 $\Omega$  per volt or more sensitivity in the following manner. Connect a 1,500 $\Omega$  10W resistor paralleled by a 0.15 $\mu$ F AC-type capacitor between an exposed metal part and a known good earth ground. Measure the AC voltage across the resistor with the AC

voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



### 1.2 Warning

- (1) This equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

### 1.3 Caution

**Burrs formed during molding may be left over on some parts of the chassis.**

**Therefore, pay attention to such burrs in the case of pre-forming repair of this system.**

### 1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (  $\blacksquare$  ), diode (  $\blacksquare$  ) and ICP (  $\bullet$  ) or identified by the "  $\Delta$  " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer. (This regulation dose not Except the J and C version)

## 1.5 Important for laser products

### 1.CLASS 1 LASER PRODUCT

**2.DANGER** : Invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

**3.CAUTION** : There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

**4.CAUTION** : The compact disc player uses invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

**5.CAUTION** : If safety switches malfunction, the laser is able to function.

**6.CAUTION** : Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.



**CAUTION** Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.

**VARNING** : Osynlig laserstrålning är denna del är öppnad och spärren är urkopplad. Betrakta ej strålen.

**VARO** : Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle. Älä katso säteeseen.

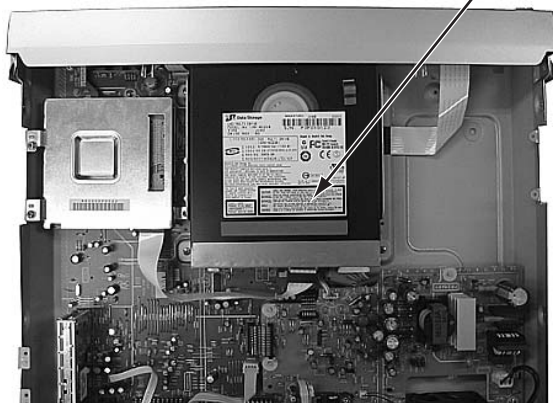
**ADVARSEL** : Usynlig laserstrålning ved åbning , når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

**ADVARSEL** : Usynlig laserstrålning ved åpning,når sikkerhetsbryteren er avslott. unngå utsettelse for stråling.

## REPRODUCTION AND POSITION OF LABEL and PRINT

### WARNING LABEL and PRINT

On mechaism assembly



#### CAUTION

VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM. DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

#### ADVARSEL

SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING. UNDGA UDSÆTTELSE FOR STRÅLING SE IKKE IND I STRÅLEN - HELLER IKKE MED OPTISKE INSTRUMENTER.

#### ADVARSEL

SYNLIG OG USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES. UNDGA EKSPONERING FOR STRÅLEN STIRR IKKE INN I STRÅLEN ELLER SE DIREKTE MED OPTISKE INSTRUMENTER.

#### VARO!

AVATTAESSA OLET ALTTIINA NÄKYVÄÄ JA NÄKYMÄTÖN LASERSÄTEILYLLE. ÄLÄ TUIJOTA SÄTEeseen ÄLÄKÄ KATSO SITÄ OPTISEN LAITTEEN LAPI.

#### VARNING

SYNLIG OCH OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÄR ÖPPNAD. STRÅLEN ÄR FARLIG STIRRA EJ IN I STRÅLEN OCH BETRakta EJ STRÅLEN MED OPTISKA INSTRUMENT.

## **SECTION 2**

### **SPECIFIC SERVICE INSTRUCTIONS**

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

## SECTION 3 DISASSEMBLY

### 3.1 Main body section

#### 3.1.1 Remove the top cover (See figure 1)

- (1) Remove the four screws **A** attaching the top cover on both sides of the main body.
- (2) Remove the five screws **B** attaching the top cover on the back of the main body.
- (3) Raise the both sides and lower part of the rear of the top cover, with opening them slightly in an outward direction. And the top cover will be removed.

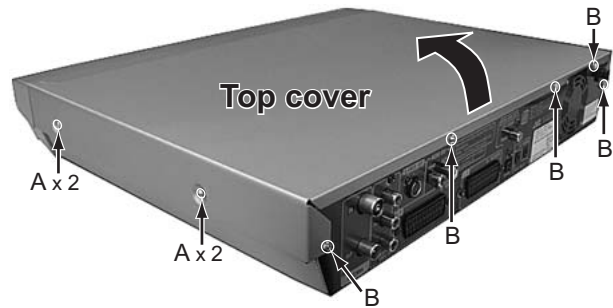


Fig.1

#### 3.1.2 Remove the front panel assembly (See figure 2, figure 3)

- Prior to performing the following procedure, remove the top cover.
- There is no need to remove the mechanism assembly.
  - (1) Disconnect the card wire from connector [CN3002](#) on the main board.
  - (2) Disconnect the card wire from connector [CN7001](#) on the FL display board.
  - (3) Hook **a** and **b** are removed respectively, and the front panel assembly is removed.

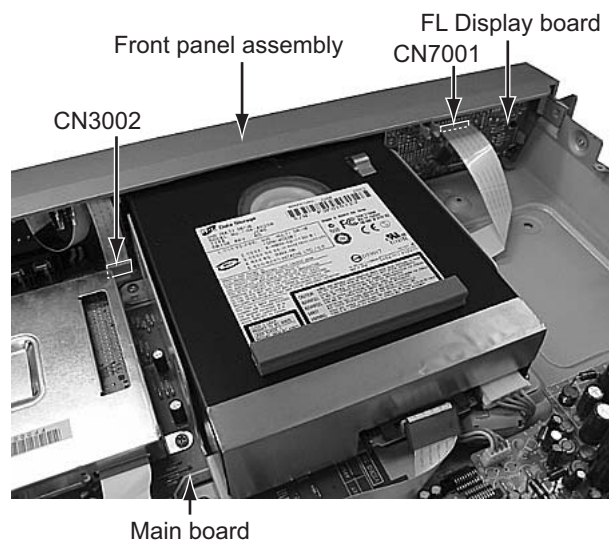


Fig.2

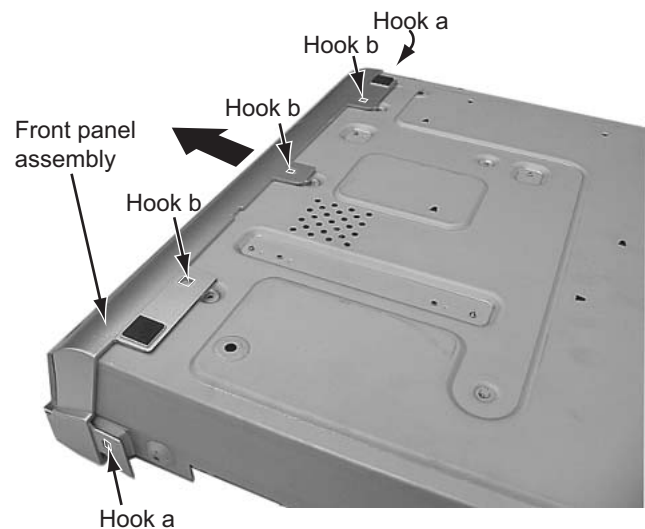


Fig.3

### 3.1.3 Remove the mechanism assembly (See figure 4)

- Prior to performing the following procedure, remove the top cover.
- There is no need to remove the front panel assembly.
  - (1) Disconnect the socket wire from connector [CN5303](#) on the power supply board.
  - (2) Disconnect the card wire from connector [CN2201](#) on the module board.
  - (3) Remove the four screws **C** attaching the mechanism assembly.

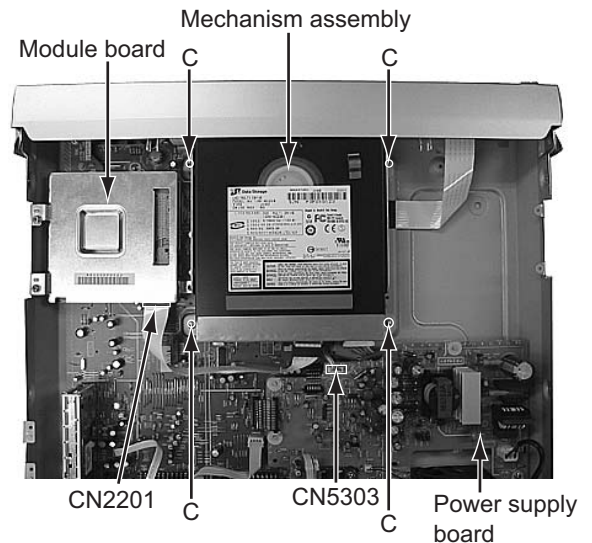


Fig.4

### 3.1.4 Remove the module board (See figure 5, figure 6)

- Prior to performing the following procedure, remove the top cover.
  - (1) Disconnect the card wire from connector [CN2201](#) on the module board.
  - (2) Remove the four screws **D** attaching the module board.
  - (3) Lift the module board up, and remove it. Then, the module board is removed from the connector [CN4104](#) on the DV terminal board and the connector [CN4101](#) on the main board. In attaching the module board, insert the connector on the module board in these connectors securely.

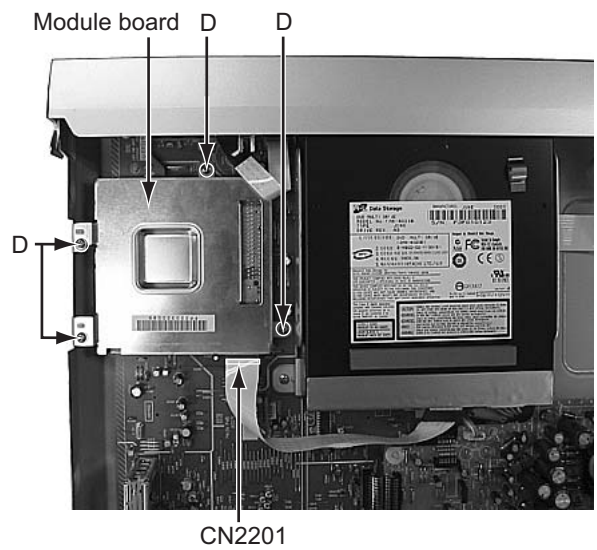


Fig.5

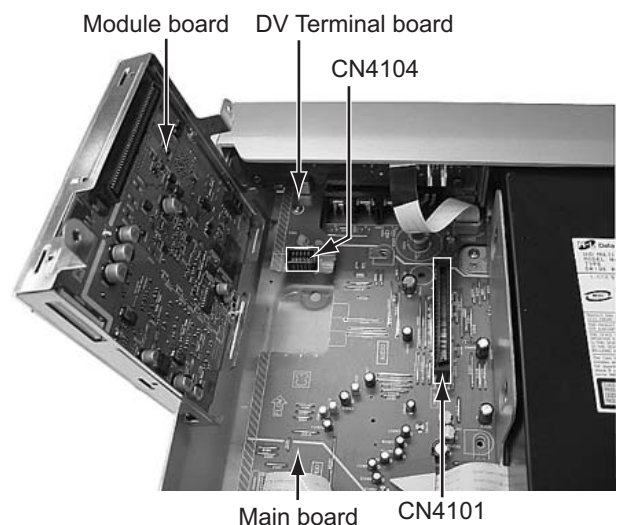


Fig.6



### 3.1.5 Remove the power supply board (See figure 7)

- Prior to performing the following procedure, remove the top cover.
- (1) Disconnect the wire from connector [CN5301](#), [CN5302](#), [CN5303](#), [CN5305](#), [CN5001](#) on the power supply board.
- (2) Remove the two screws **F** attaching the power supply board.
- (3) Four fasteners are removed.

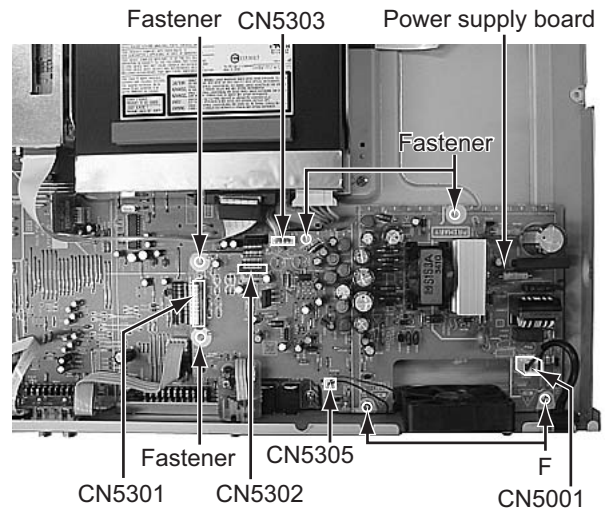


Fig.7

### 3.1.6 Remove the main board (See figure 8, figure 9)

- Prior to performing the following procedure, remove the top cover/front panel assembly/mechanism assembly/module board/power supply board.
- (1) Remove the three screws **G** attaching the main board.
- (2) Disconnect the wire from connector [CN7301](#), [CN7302](#) on the main board.
- (3) Remove the seven screws **H** attaching the rear panel with main board.

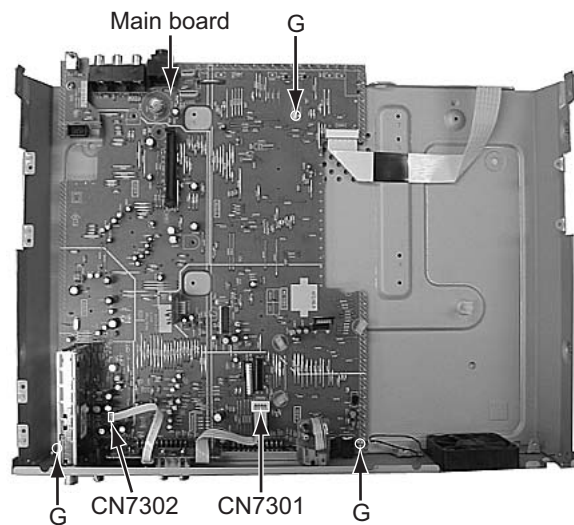


Fig.8

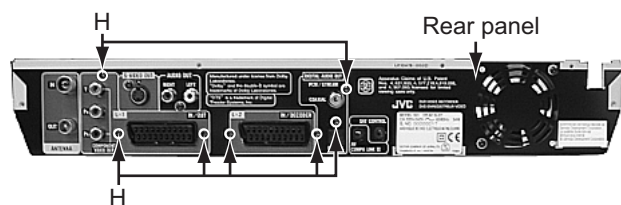


Fig.9



## SECTION 4 ADJUSTMENT

### 4.1 Timer clock adjustment (for only ver.E)

If an error comes to arise for a clock, the following procedure will adjust.

Signal	(A1)	No signal
Mode	(B)	EE
Equipment	(C)	Frequency counter
Measuring point	(D1) (D2) (D3)	IC3001 pin 61 IC3001 pin 17 C3026 + and -
Adjustment part	(F)	C3025 (TIMER CLOCK)
Specified value	(G1)	1024.008 $\pm$ 0.001 Hz (976.5549 $\pm$ 0.0010 $\mu$ sec)

- (1) Connect the frequency counter to the measuring point (D1).
- (2) Connect the short wire between the short point (D2) and Vcc (5V).
- (3) Short the leads of capacitor (D3) once in order to reset the microprocessor of the system controller.
- (4) Disconnect the short wire between the short point (D2) and Vcc then connect it again.
- (5) Adjust the Adjustment part (F) so that the output frequency becomes the specified value (G).

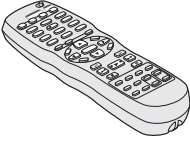
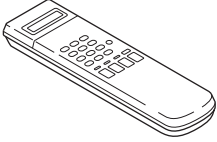

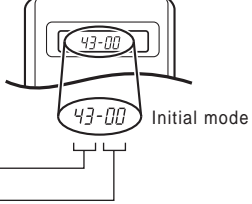
## SECTION 5 TROUBLESHOOTING

### 5.1 JIG Mode

The following remote control units are required to set and cancel JIG mode.

For setting : a remote control unit attached to DR-M1SL.

For cancellation : JIG remote control unit (part number : PTU94023A)

Remote control unit attached to DR-M1SL	JIG remote control unit
	 <p>JIG remote control unit [Data transmission] Set the data code, and then press the "  " [3] button.</p> <div> <p>Custom code</p> <p>43:A Code</p> <p>53:B Code</p> <p>6F:C Code</p> <p>7F:D Code</p> <p>Data code</p> </div>  <p>Initial mode</p>

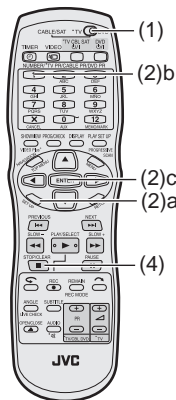
When the main body is set to JIG mode and when the main body is under JIG mode, the remote control unit attached to DR-M1SL operates only in "Remote Control Code 1". Since DR-M1SL is in "Remote Control Code 3" when it is shipped and just after its batteries are changed, "Remote Control Code 3" needs to be changed to "Remote Control Code 1."

#### < Changing Remote Control Code >

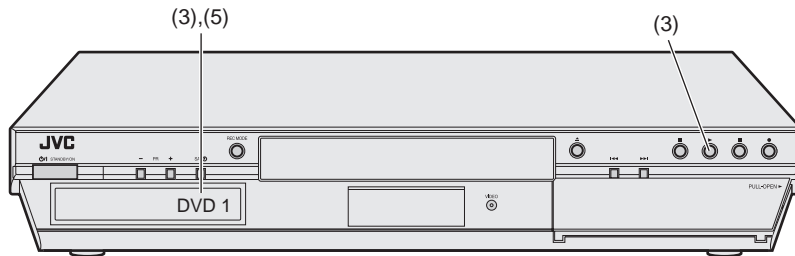
- (1) Switch TV/CABLE/SAT/DVD Switch to "DVD"
- (2) Press the numeric button "1" of the remote control unit while pressing the "SET UP" button of the remote control unit. Then, press the "ENTER" button, and then release the "SET UP" button.
- (3) Press the "PLAY" button of the main body for five seconds or longer while the main body is in stand-by mode, and a current remote control code of the main body is displayed in FL indicator of the main body.
- (4) While keeping the state of (3), press the "STOP" button of the remote control unit toward the main body.
- (5) When FL indicator displays "DVD1," it means that the Remote Control Code has been changed to "1."

\*DR-M1SL has remote control codes of 1, 2, 3, and 4.

\*The remote control codes "DVD 1, 2, 3, and 4" of DR-M1SL are the same as the remote control codes "A, B, C, and D" of video cassette recorders manufactured in JVC.



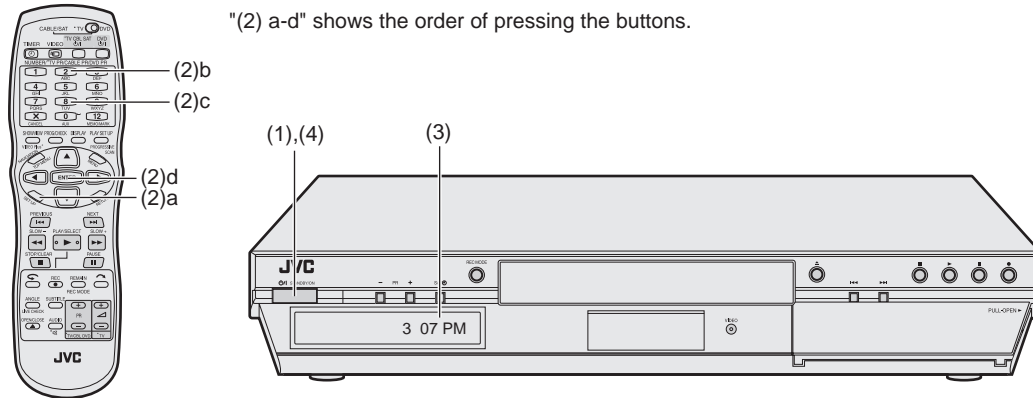
"(2) a-c" shows the order of pressing the buttons.



### 5.1.1 Setting JIG mode

To display SYSTEM INFO or to upgrade firmware, the main body needs to be set to JIG mode.

- (1) Turn the main body ON.
  - (2) Press the buttons of the remote control unit attached to DR-M1SL in the following order : "SET UP" → "2" → "8" → "ENTER"
  - (3) When a colon ":" between "hour" and "time" of a clock in FL indicator disappears, it means that the main body has been set to JIG mode properly.  
not in JIG mode 3:07 PM → in JIG mode 3 07 PM
  - (4) Turn the main body OFF, and then turn it ON again.
- \*Once the main body is set to JIG mode, the JIG mode cannot be cancelled even if the power cord is pulled out from the wall socket.



### 5.1.2 Canceling JIG mode

- (1) Transmit "43-9D" to the main body by using JIG remote control unit.
- (2) A colon ":" between "hour" and "time" of a clock in FL indicator appears.
- (3) Turn the main body OFF, and then turn it ON again.

#### NOTE:

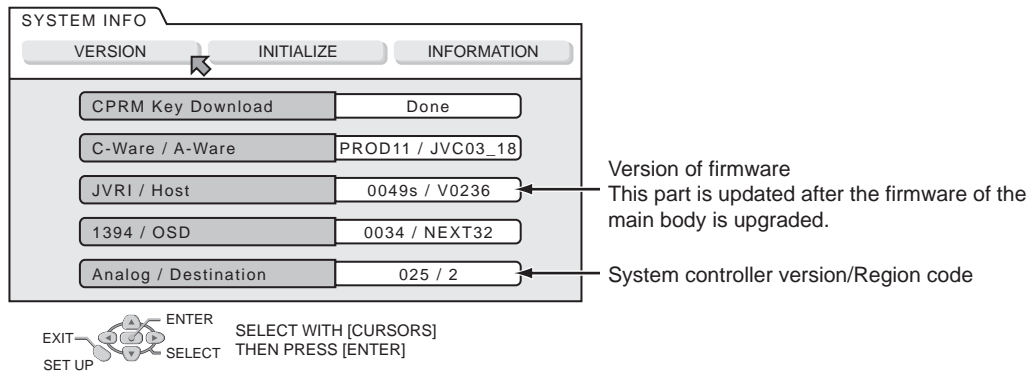
After repair work, be sure to cancel JIG mode. Before returning DR-M1SL to a user, confirm that a colon ":" between "hour" and "time" of a clock in FL indicator appears.

### 5.1.3 Displaying SYSTEM INFO

SYSTEM INFO contains information on firmware version of the main body and the mechanism drive, and an initialize execution menu.

- (1) Set the main body to JIG mode.
- (2) Transmit "43-8B" to the main body by using JIG remote control unit.
- (3) SYSTEM INFO menu is displayed in the television screen.
- (4) To move cursor in SYSTEM INFO, use the "▲", "▼", "◀", and "▶" buttons of a remote control unit attached to DR-M1SL.

#### < VERSION >



#### NOTE :

Items other than the ones described above are not used in service work.

- (5) To quit the SYSTEM INFO menu, transmit "43-8B" to the main body by using JIG remote control unit.
- (6) Cancel JIG mode.

### 5.1.4 Upgrading firmware of the main body

- Firmware upgrade disk supports only DVD-RAM media.
  - When firmware needs to be upgraded, Optical disc CSG will distribute a firmware upgrade disk.
- (1) Set the main body to JIG mode.
  - (2) Transmit "43-70" to the main body by using JIG remote control unit.
  - (3) "UPDATE" appears in FL indicator. Load DVD-RAM disk for upgrade on the tray, and close the tray.
  - (4) Wait for approx.30 seconds while FL indicator is displayed as "UPDATE."
  - (5) Then, "FW UPDATE" appears in FL indicator. It takes approx. 3 minutes at maximum to upgrade firmware.
  - (6) The tray is ejected. Then, take out the disk and close the tray.
  - (7) Turn the main body OFF, and pull out the power cord from the wall socket. Then, plug the power cord into the wall socket.
  - (8) "LOADING" of FL indicator disappears. Then, turn the main body ON.
  - (9) Display the SYSTEM INFO menu, and check the version of the firmware.
  - (10) Cancel JIG mode.

#### ATTENTION :

Firmware may sometimes not be upgraded successfully.

If firmware is not upgraded successfully, the tray opens, and "ERROR" appears in FL indicator.

If firmware is upgraded successfully, the tray opens, and "OPEN" appears in FL indicator.

If the power cord is pulled out from the wall socket while "ERROR" appears, data in the flash memory is destroyed and the main body cannot start: the flash memory needs to be replaced.

After upgrading procedure, pay enough attention to FL indicator when the tray opens.

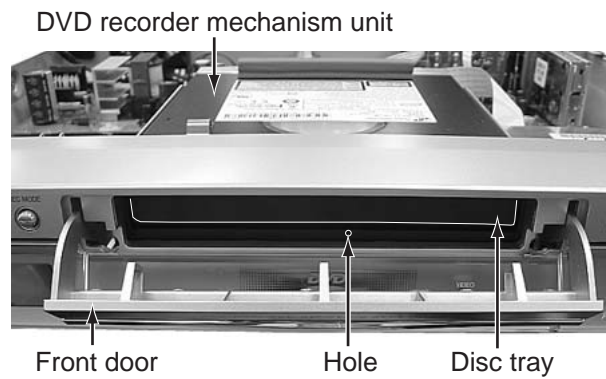
When "ERROR" appears, upgrade firmware again in the following way to restore the firmware.

- (1) Transmit "43-70" to the main body by using JIG remote control unit while the tray opens.
- (2) When "UPDATE" appears in FL indicator, close the tray and make the main body read the disk. Upgrading starts.
- (3) After (2), perform upgrading procedure (4) - (10) of 5.1.4 Upgrading firmware of the main body above.

### 5.1.5 Taking out a disc

A disc can be taken out manually even when the main body is turned off.

- (1) Open the front door.
- (2) Pass a thin wire through a hole in the DVD recorder mechanism unit.
- (3) The disc tray comes out slightly. Take out the disc tray manually.



# JVC

# SCHEMATIC DIAGRAMS

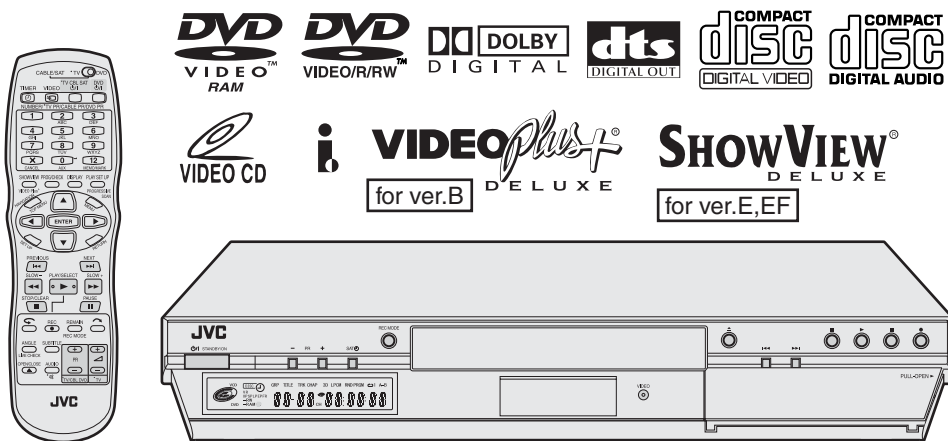
## DVD VIDEO RECORDER

### DR-M1SL

CD-ROM No.SML200311

#### Area Suffix

B ..... U.K.  
E ..... Continental Europe  
EF ..... France



Since the whole mechanism assembly unit is replaced, the DVD recorder mechanism of this unit need not be adjusted.

#### Contents

Safety precaution .....	2-2
Wiring diagram .....	2-3
Block diagrams .....	2-4
Standard schematic diagrams .....	2-7
Printed circuit boards .....	2-21

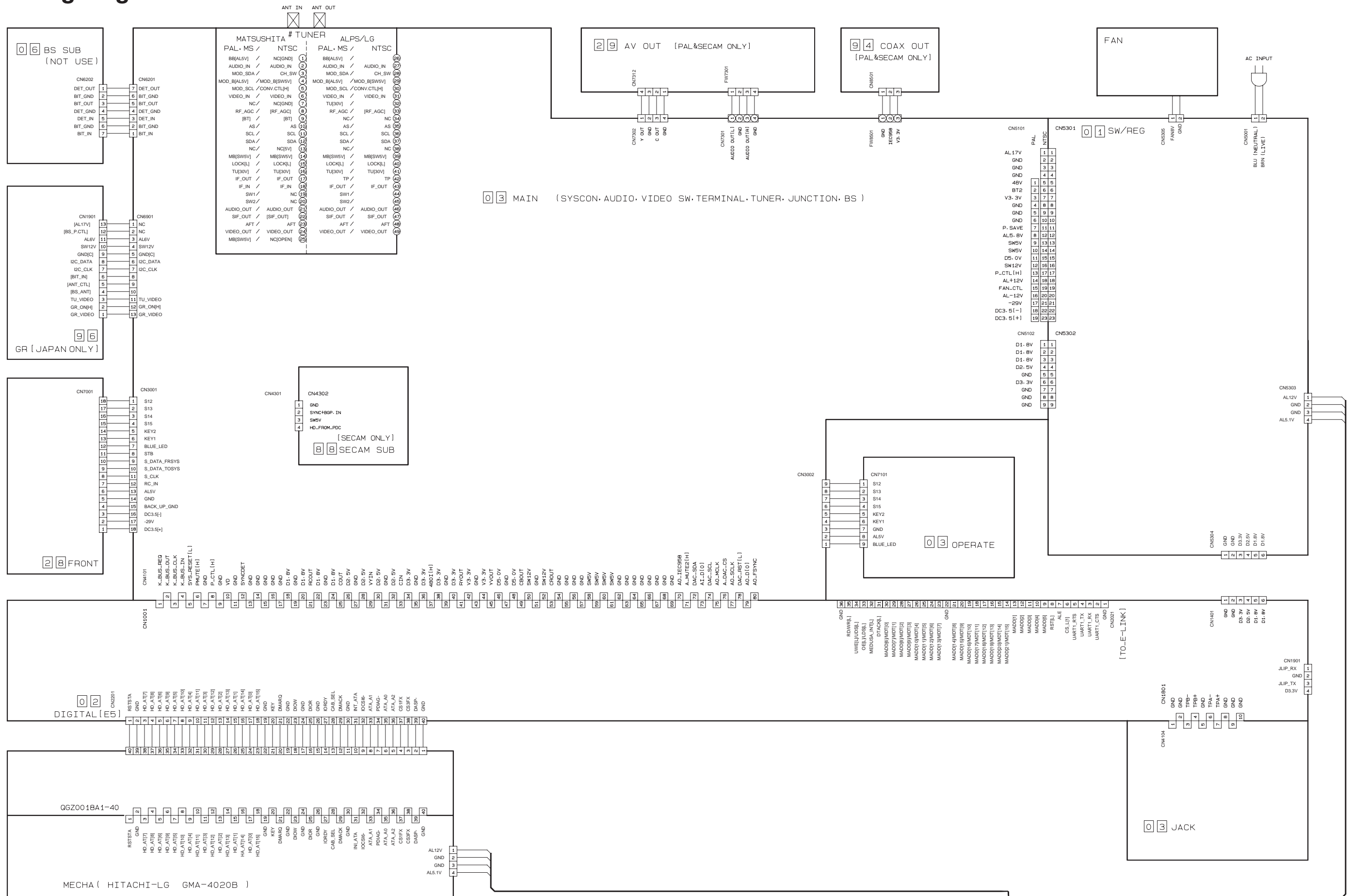
### ***Safety precaution***

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (⬤) and ICP (●) or identified by the "⚠" mark nearby are critical for safety.

When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer. (Except the JC version)

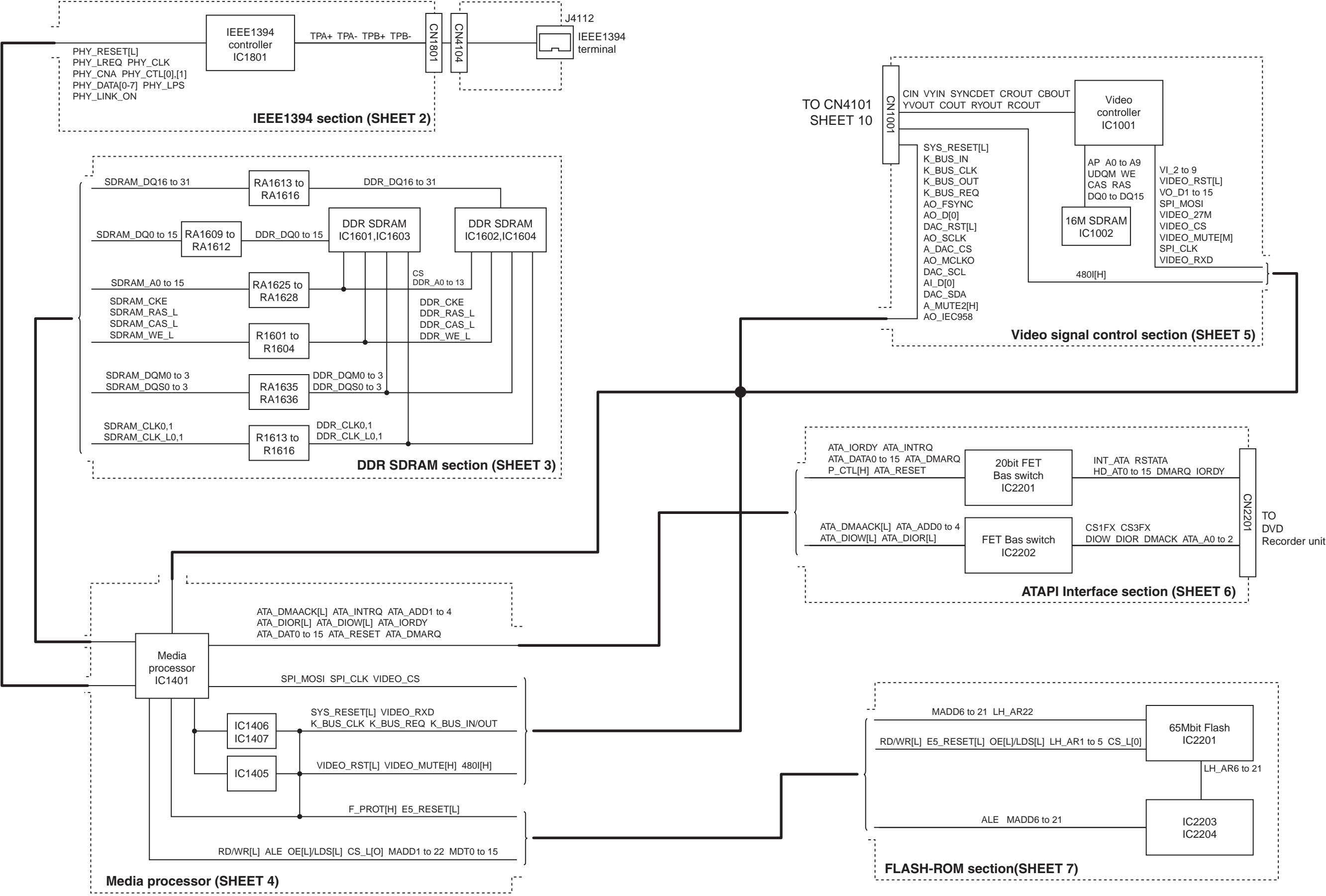


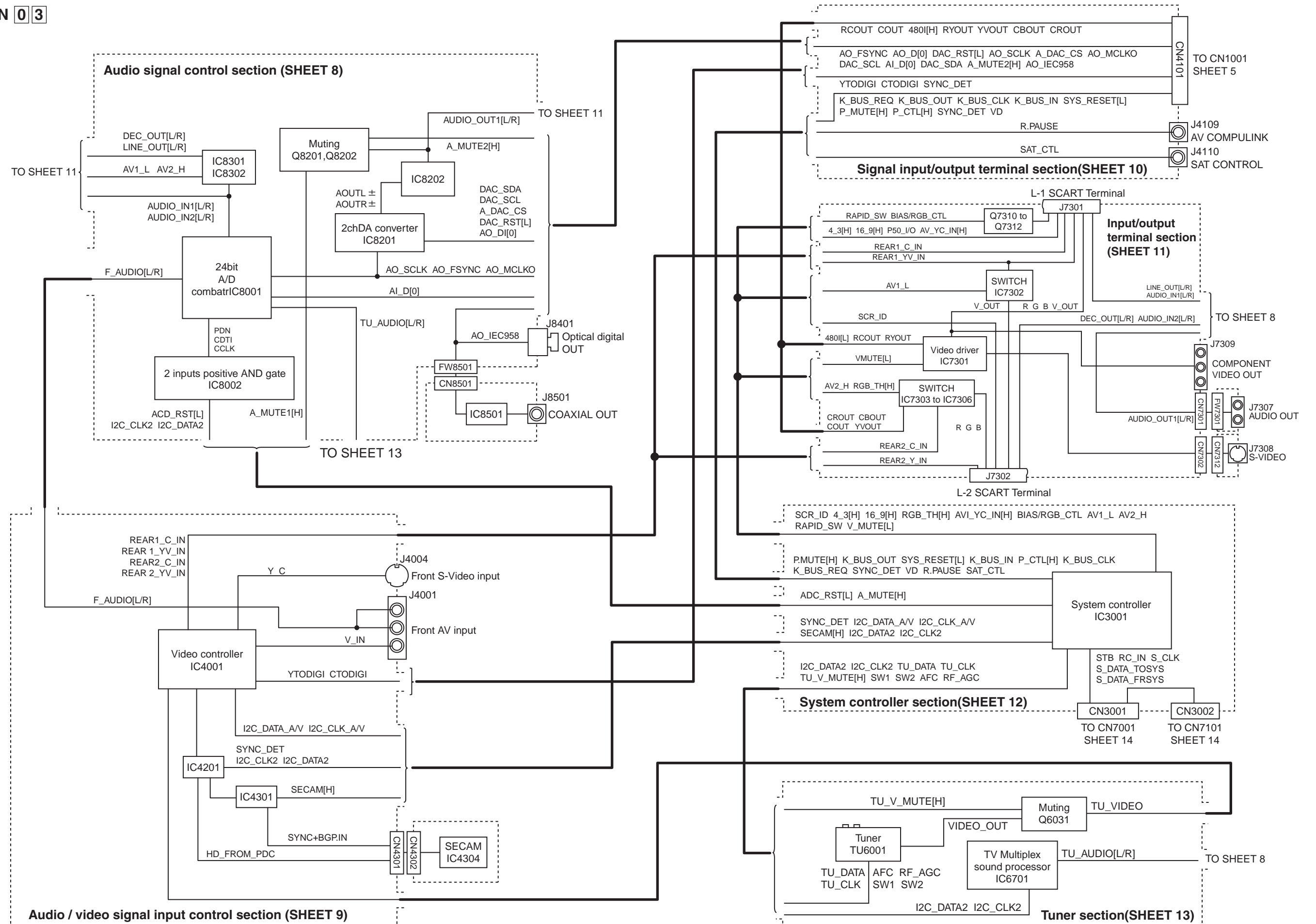
## Wiring diagram



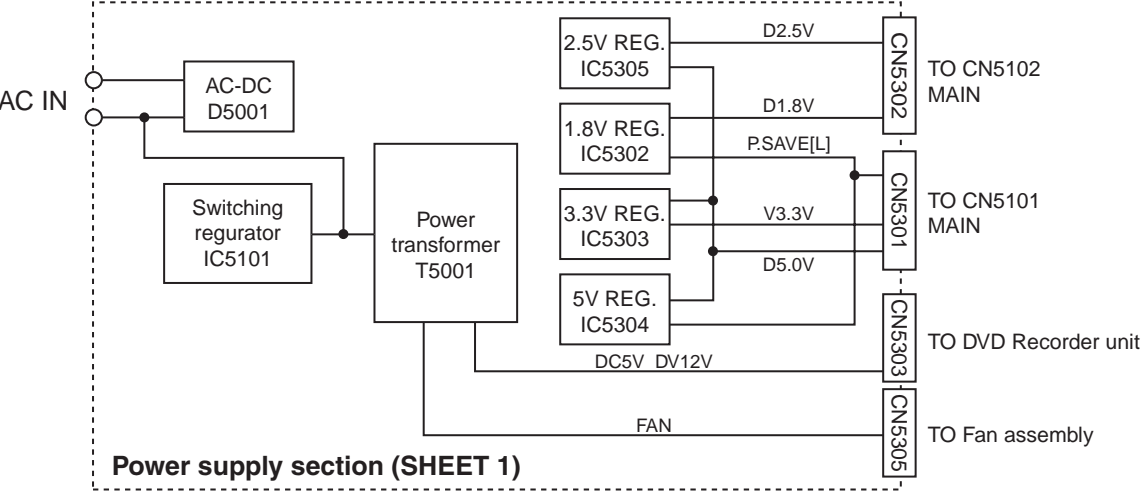
Block diagrams

DIGITAL 02

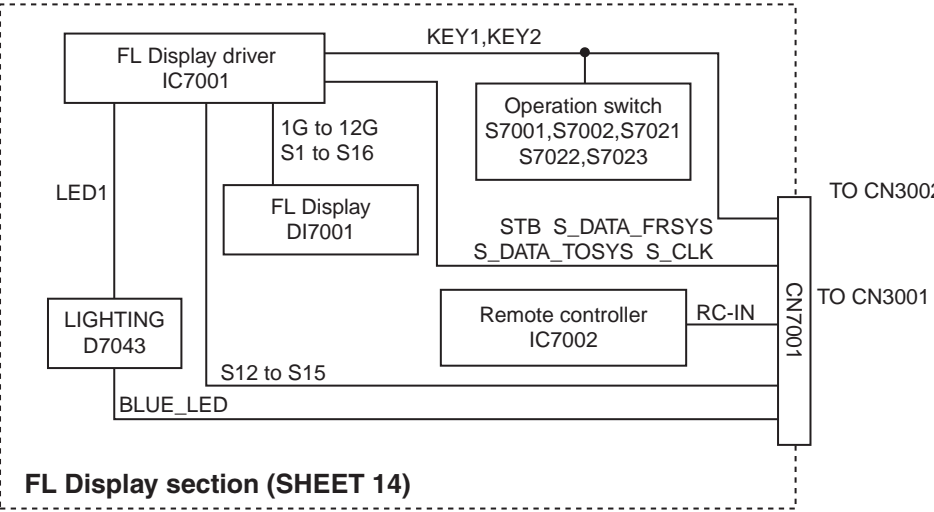




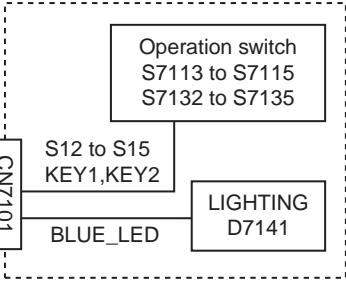
SW.REG 01



SW/DISPLAY 28

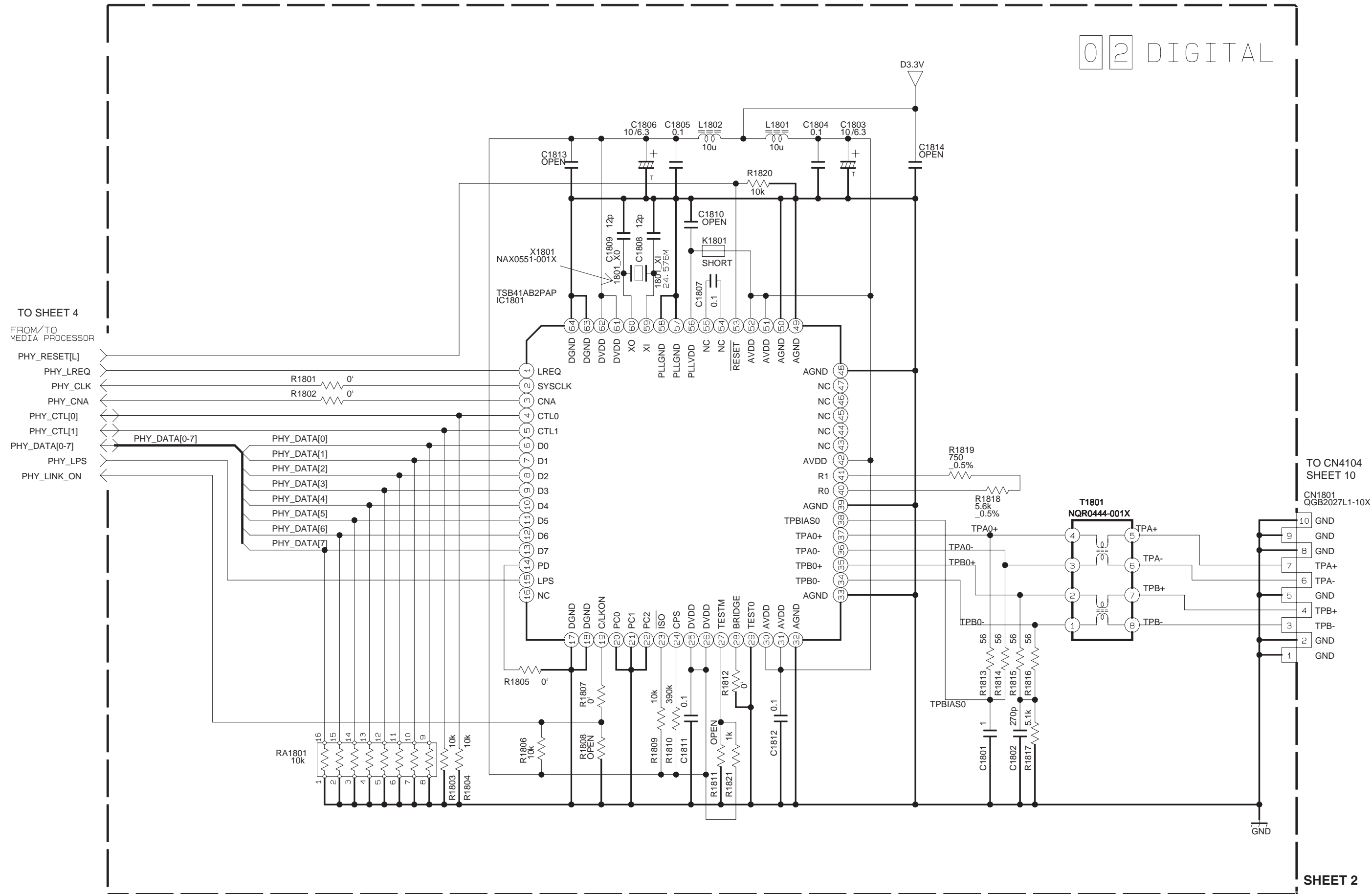


OPERATE 03



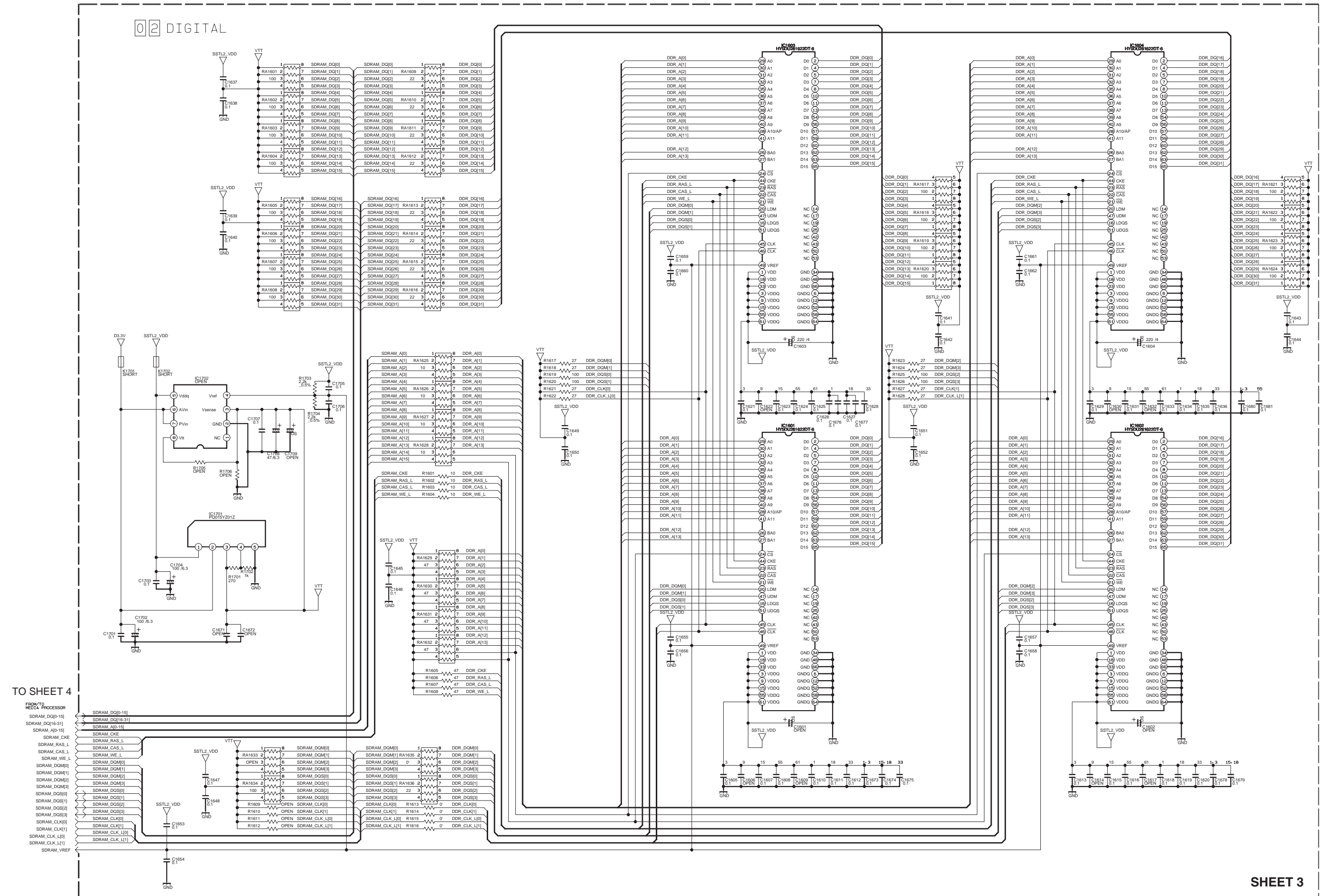
## ■ Power supply section





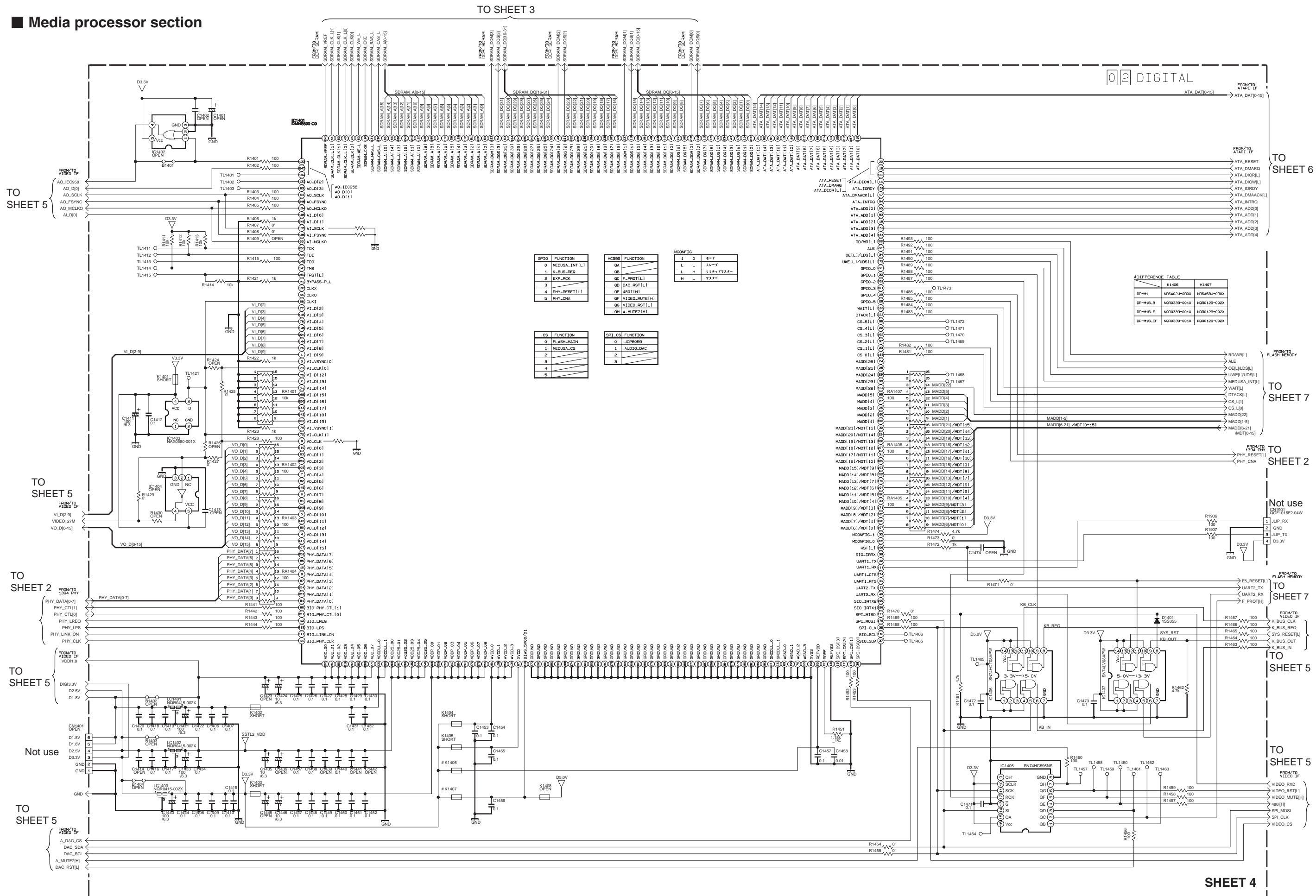


## ■ DDR SDRAM section

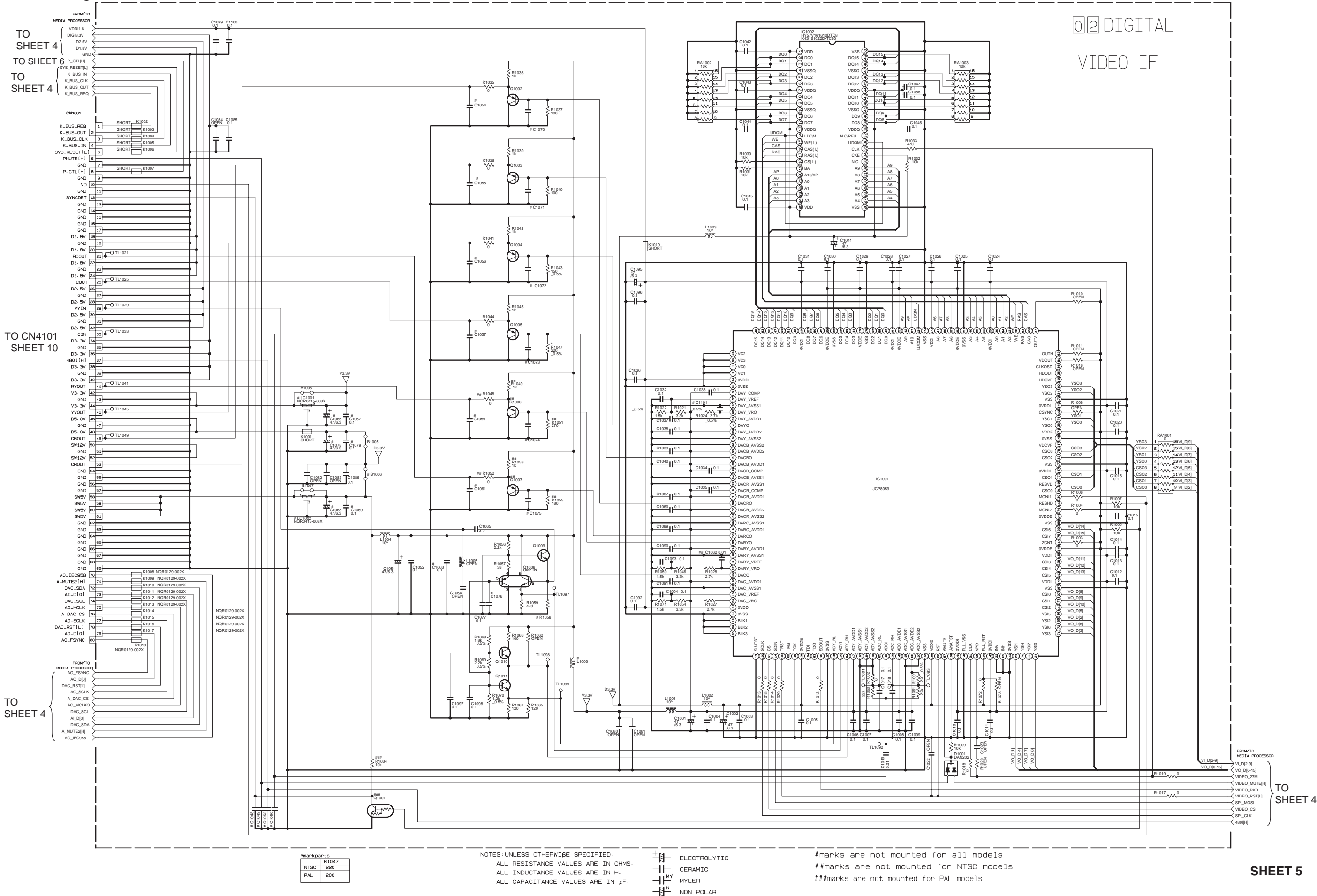




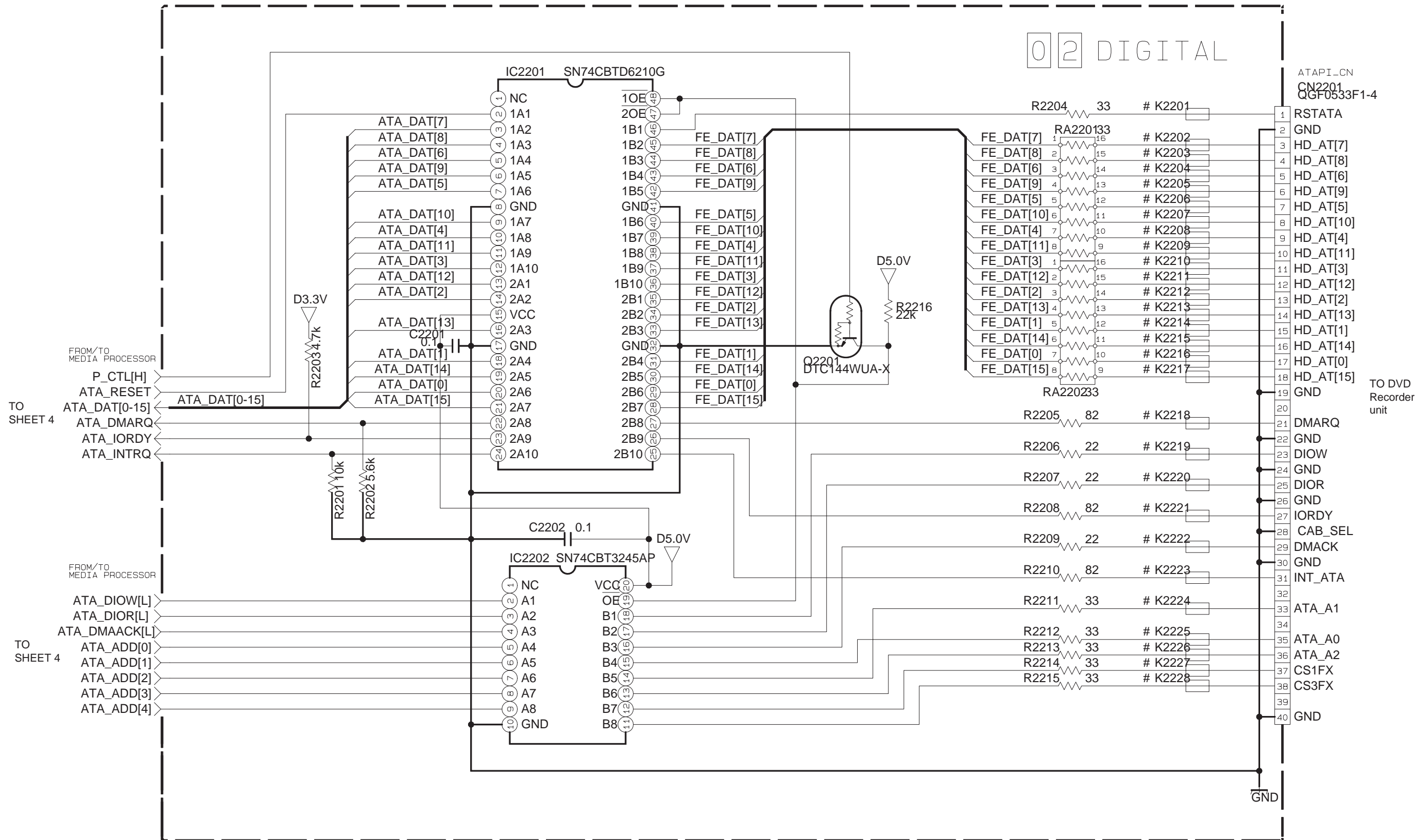
## Media processor section



### ■ Video signal controller section



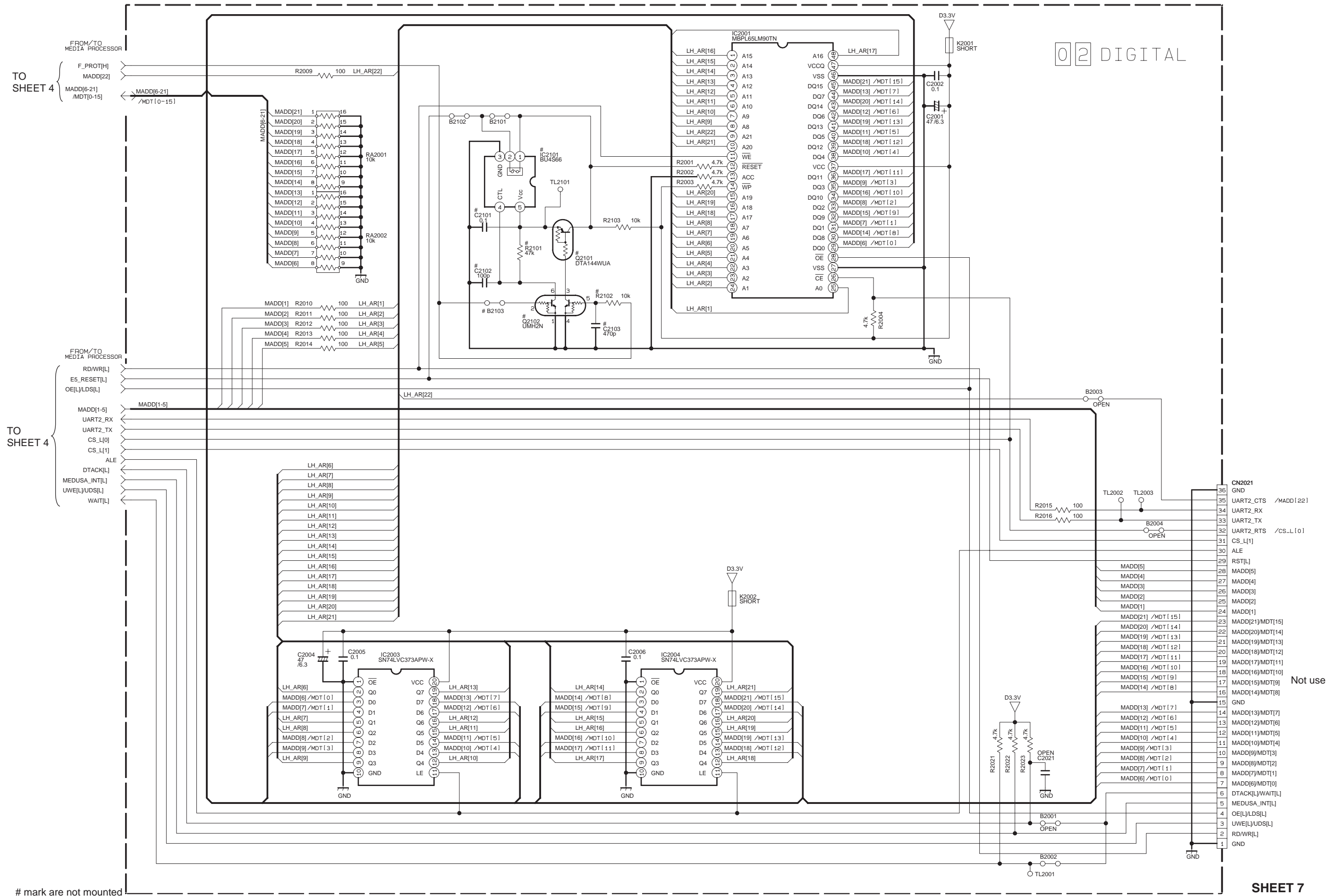
■ ATAPI Interface section



#DIFFERENCE TABLE

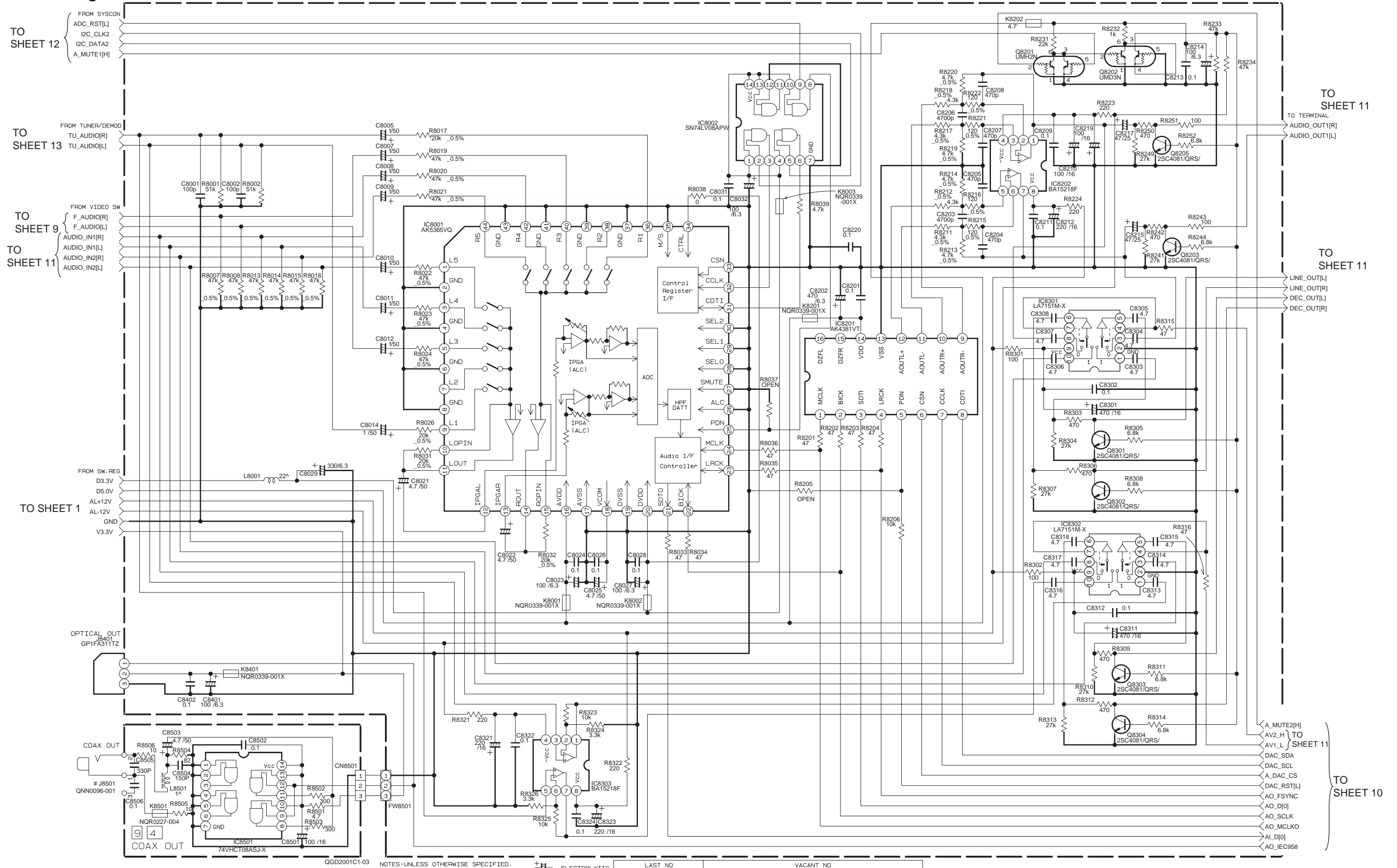
	K2201-K2228
DR-M1	NRSA63J-0R0X
DR-M1SLB	NQR0129-002X
DR-M1SLE	NQR0129-002X
DR-M1SLEF	NQR0129-002X

### ■ FLASH-ROM section



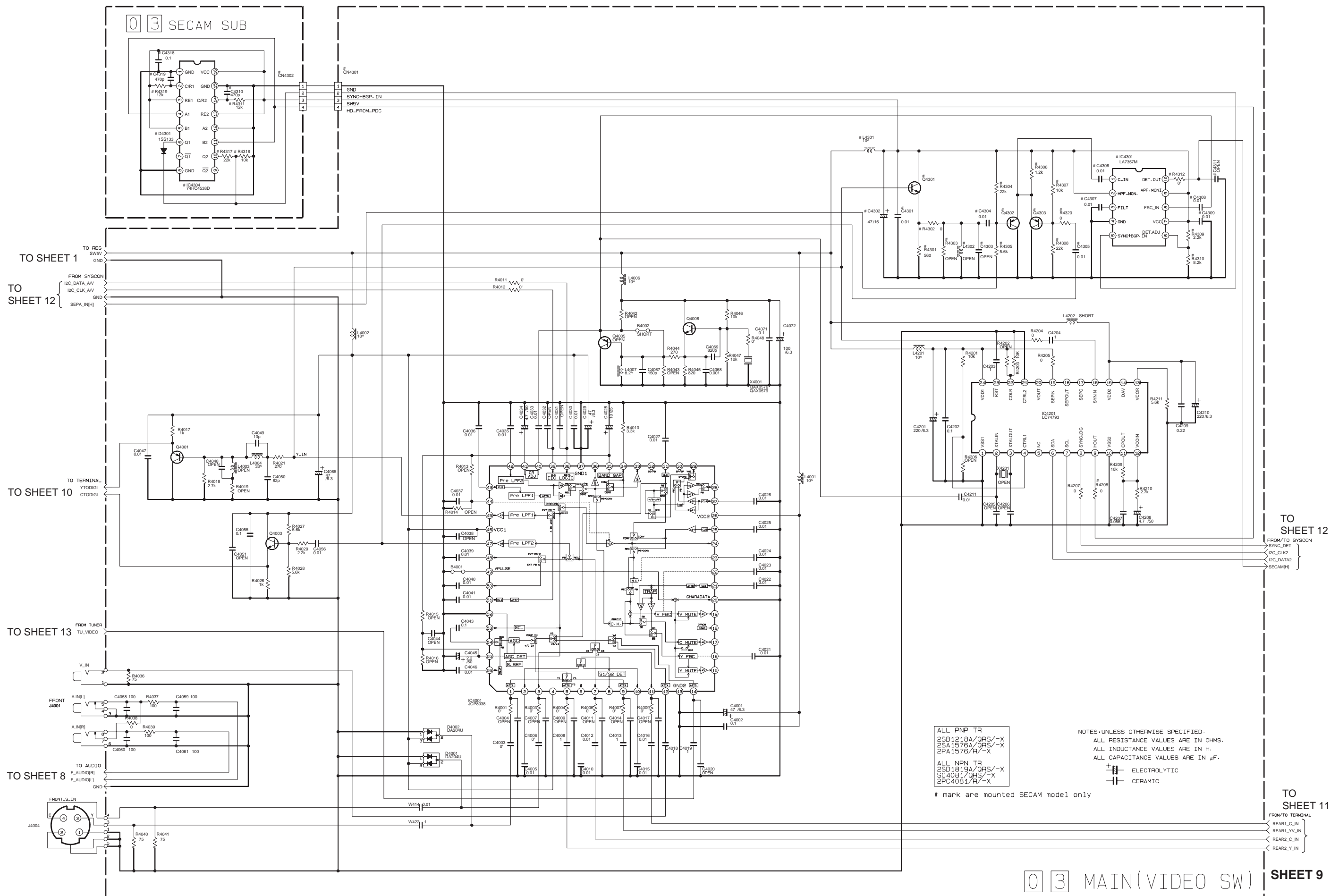


## ■ Audio signal control section

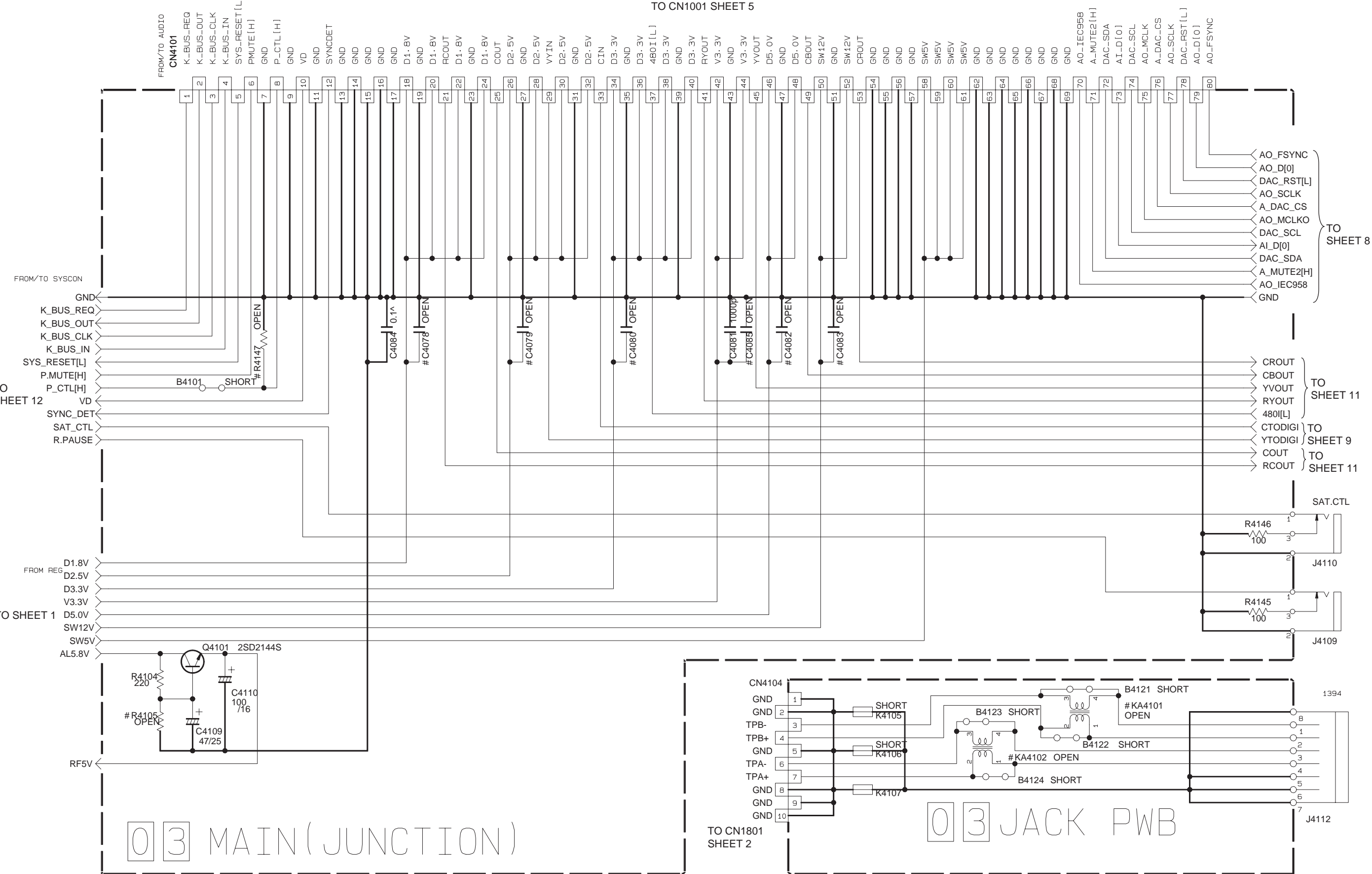


2-14 (No.XA013SCH)

### ■ Audio/Video signal input control section

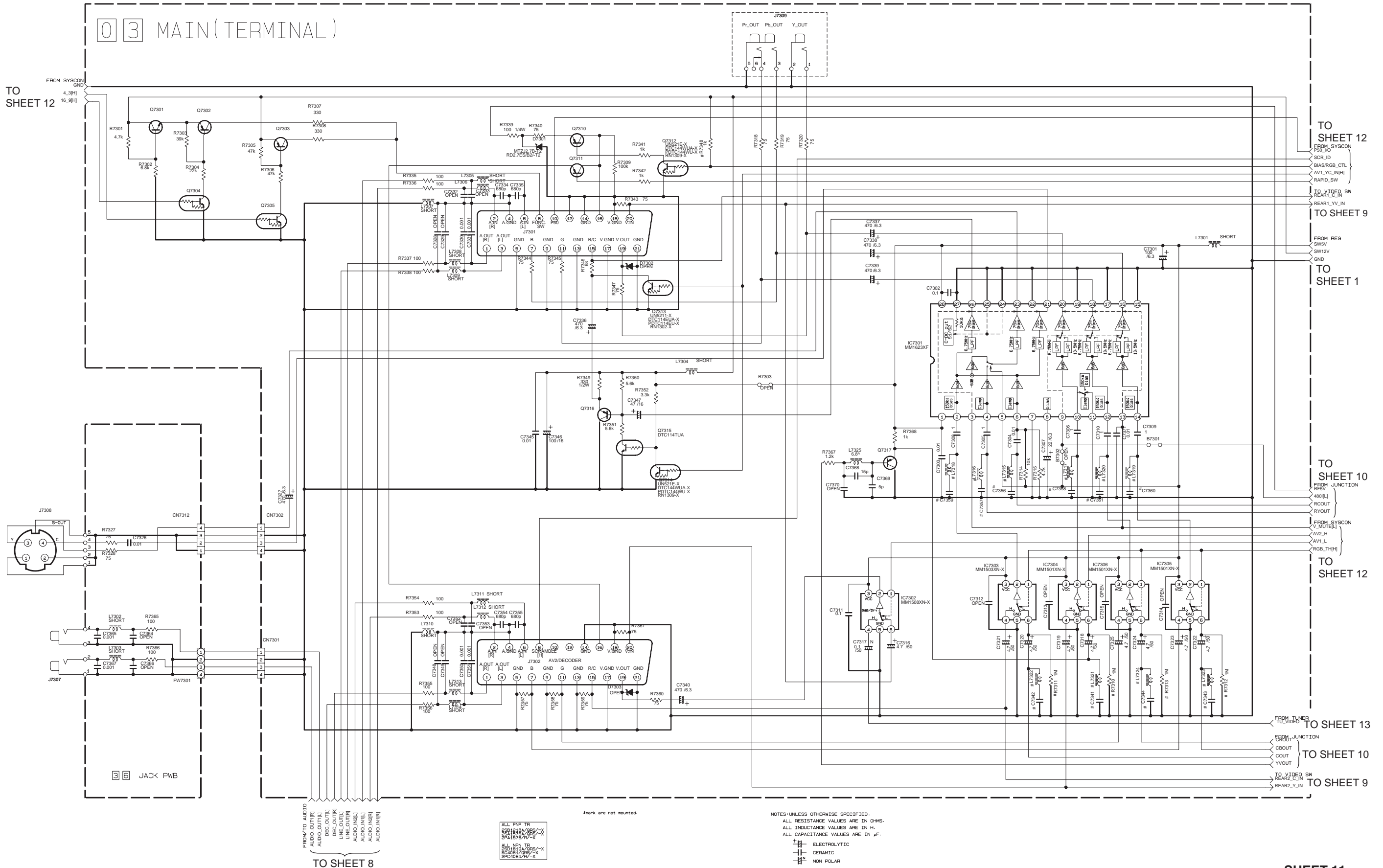


Input/output relay section

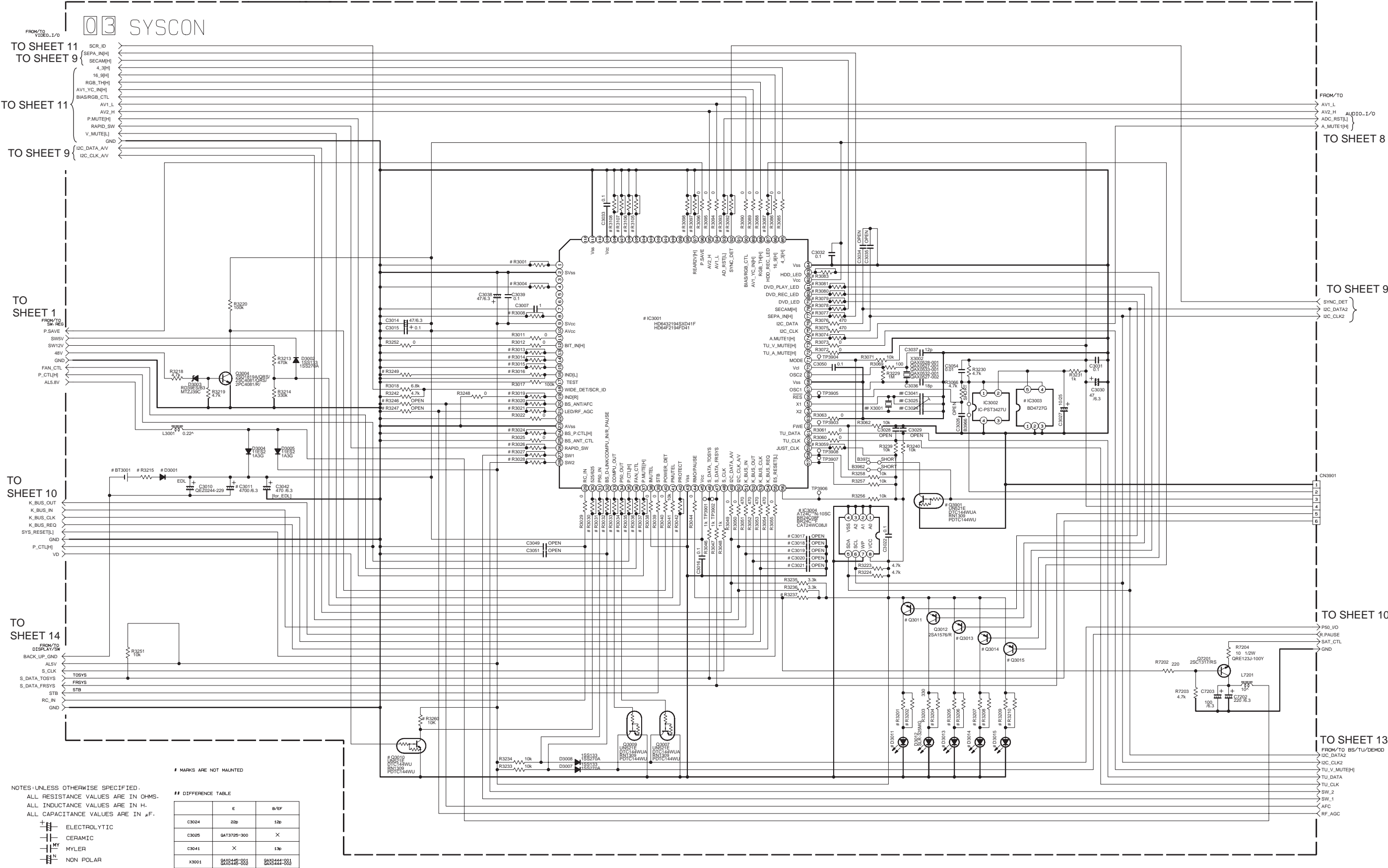




### ■ Input/output terminal section



System controller section



Tuner section

TO SHEET 12

TO SHEET 1

TO SHEET 8

TO SHEET 9

# DIFFERENCE TABLE

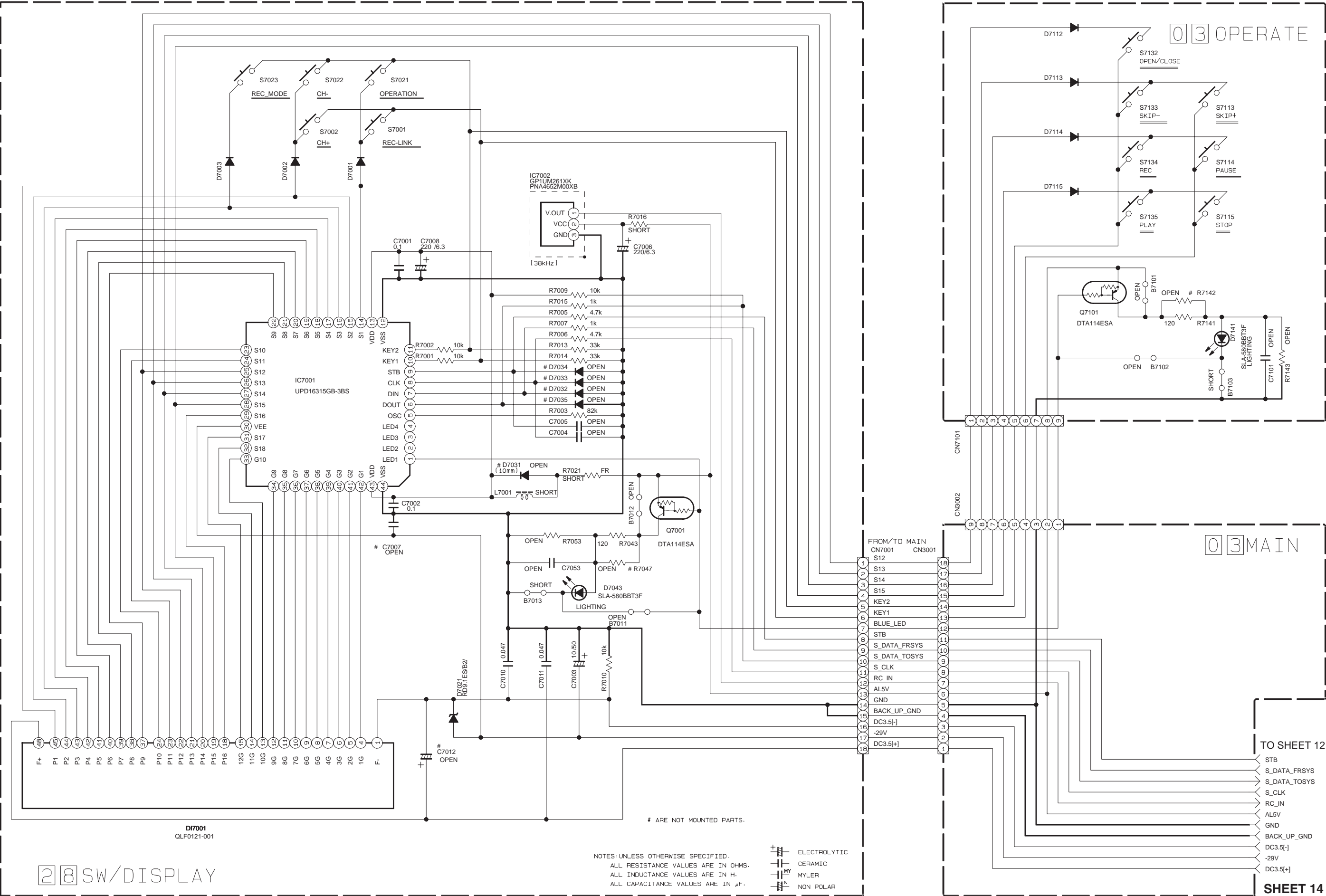
	E/B	EF
TU6001	PAL ALPS GAU0261	EF LG GAU0299
R6032, R6033, C6037, C6724, K6707	X	○

NOTES: UNLESS OTHERWISE SPECIFIED,  
ALL RESISTANCE VALUES ARE IN OHMS.  
ALL INDUCTANCE VALUES ARE IN H.  
ALL CAPACITANCE VALUES ARE IN μF.

⎓ ELECTROLYTIC  
⎓ CERAMIC  
⎓ MYLAR  
⎓ NON POLAR

03 TUNER[MAIN]

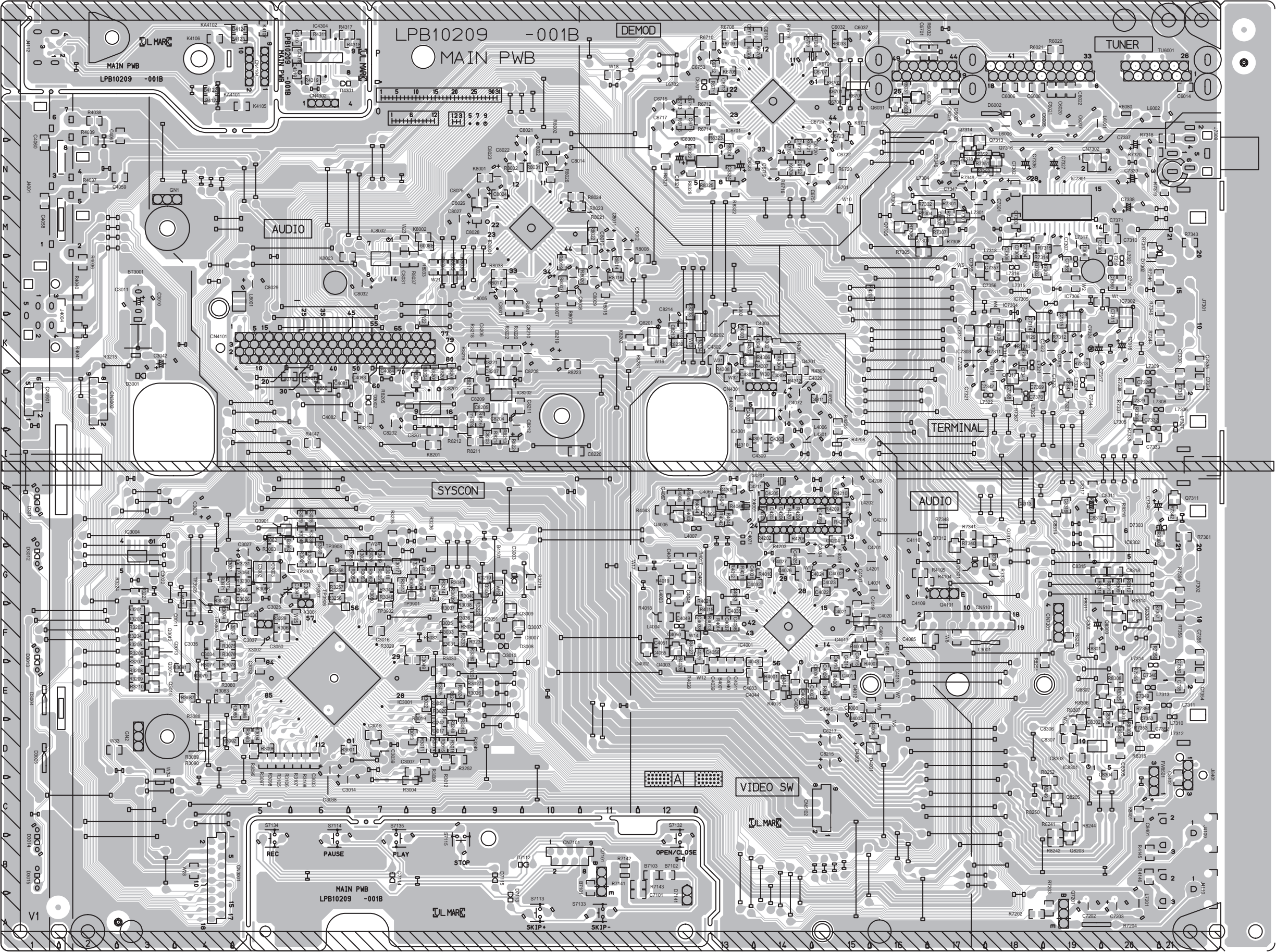
FL Display and operation switch section



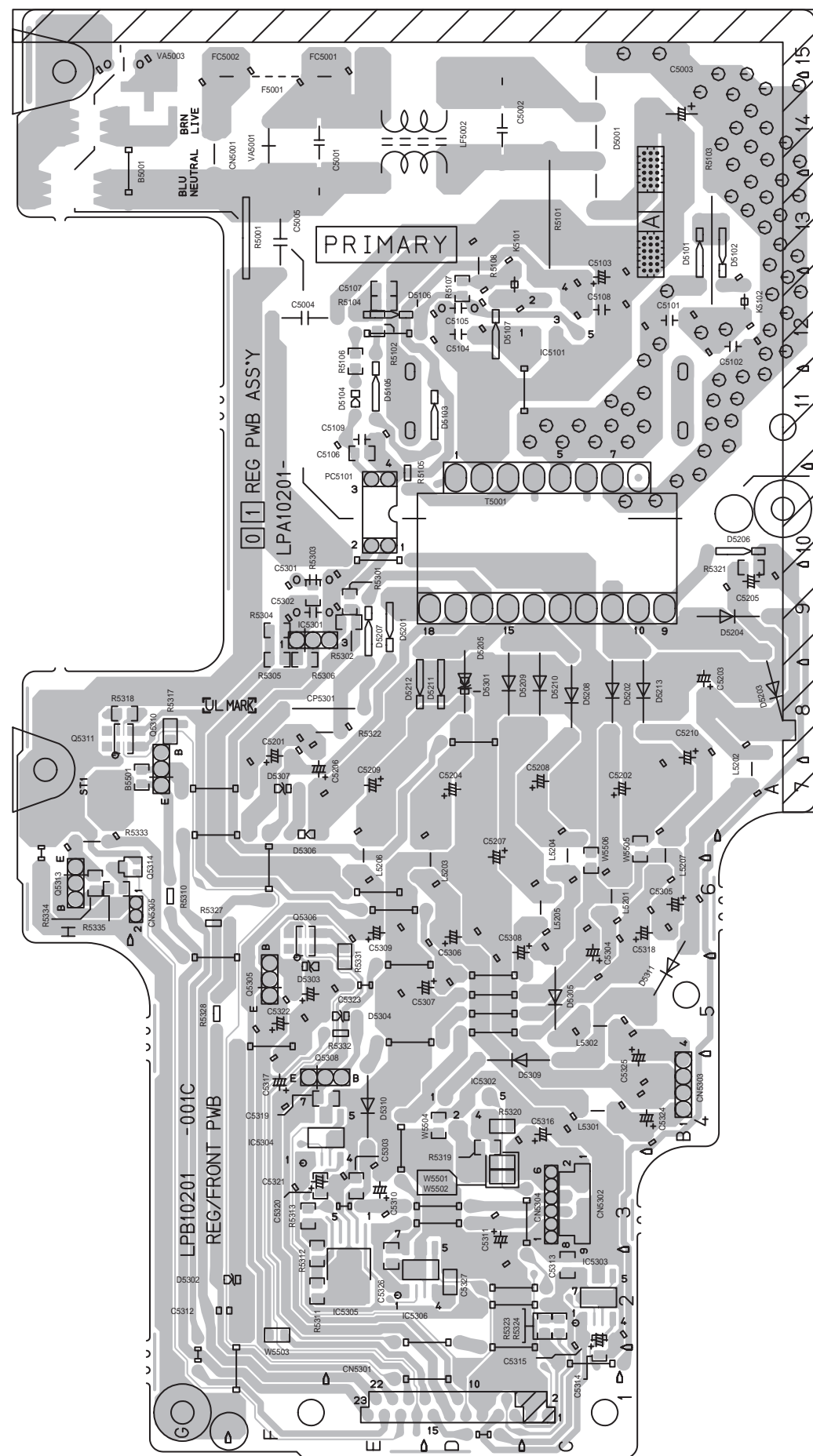


Printed circuit boards

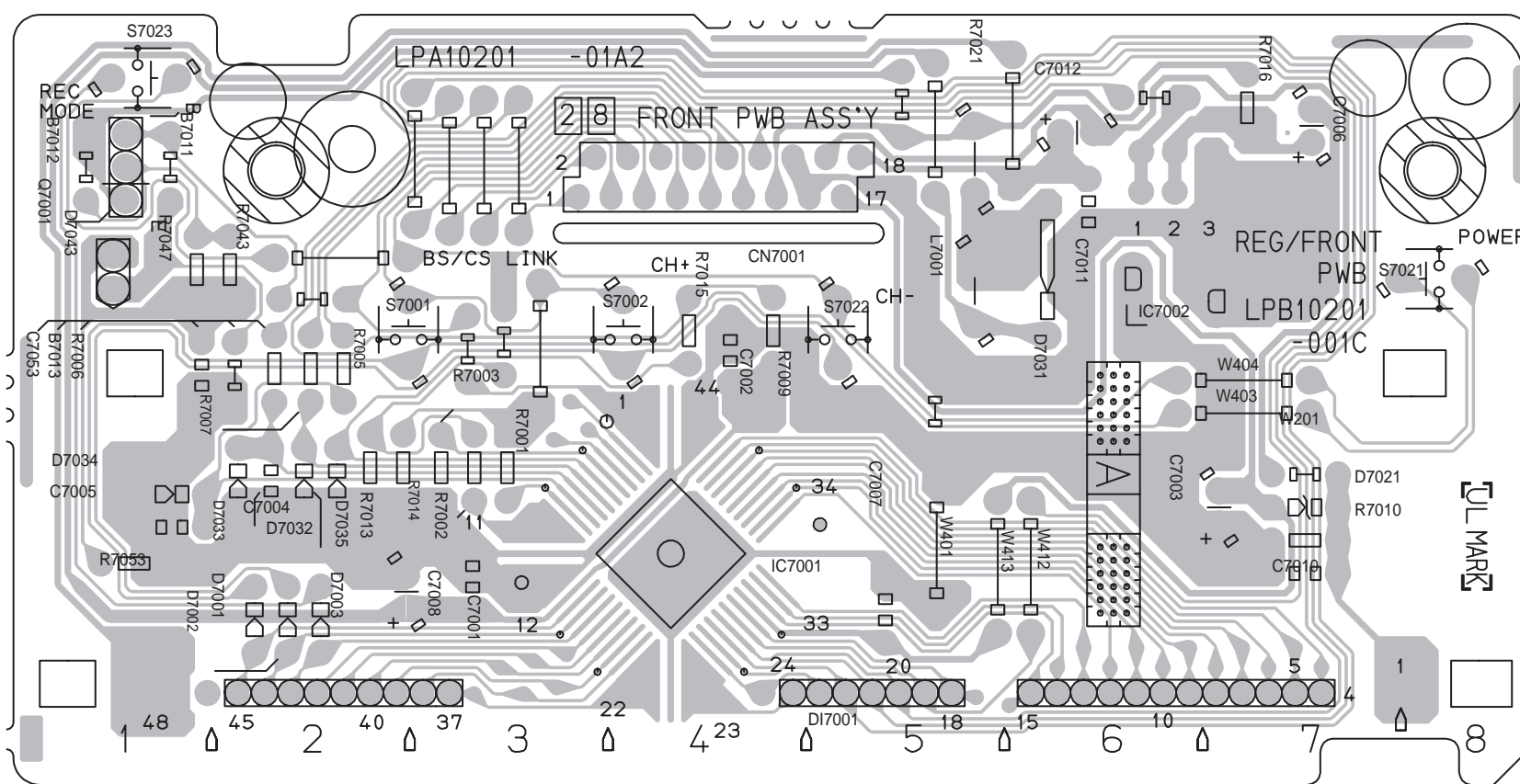
Main board



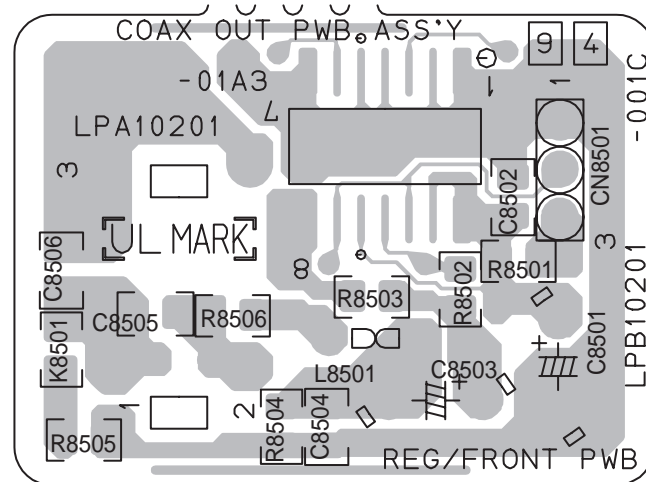
### ■ Power supply board



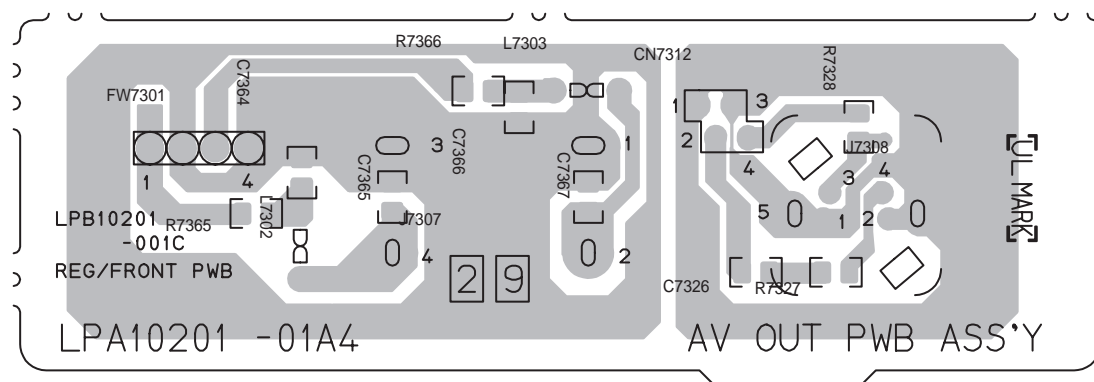
## ■ FL Display board



■ Coaxial output terminal board

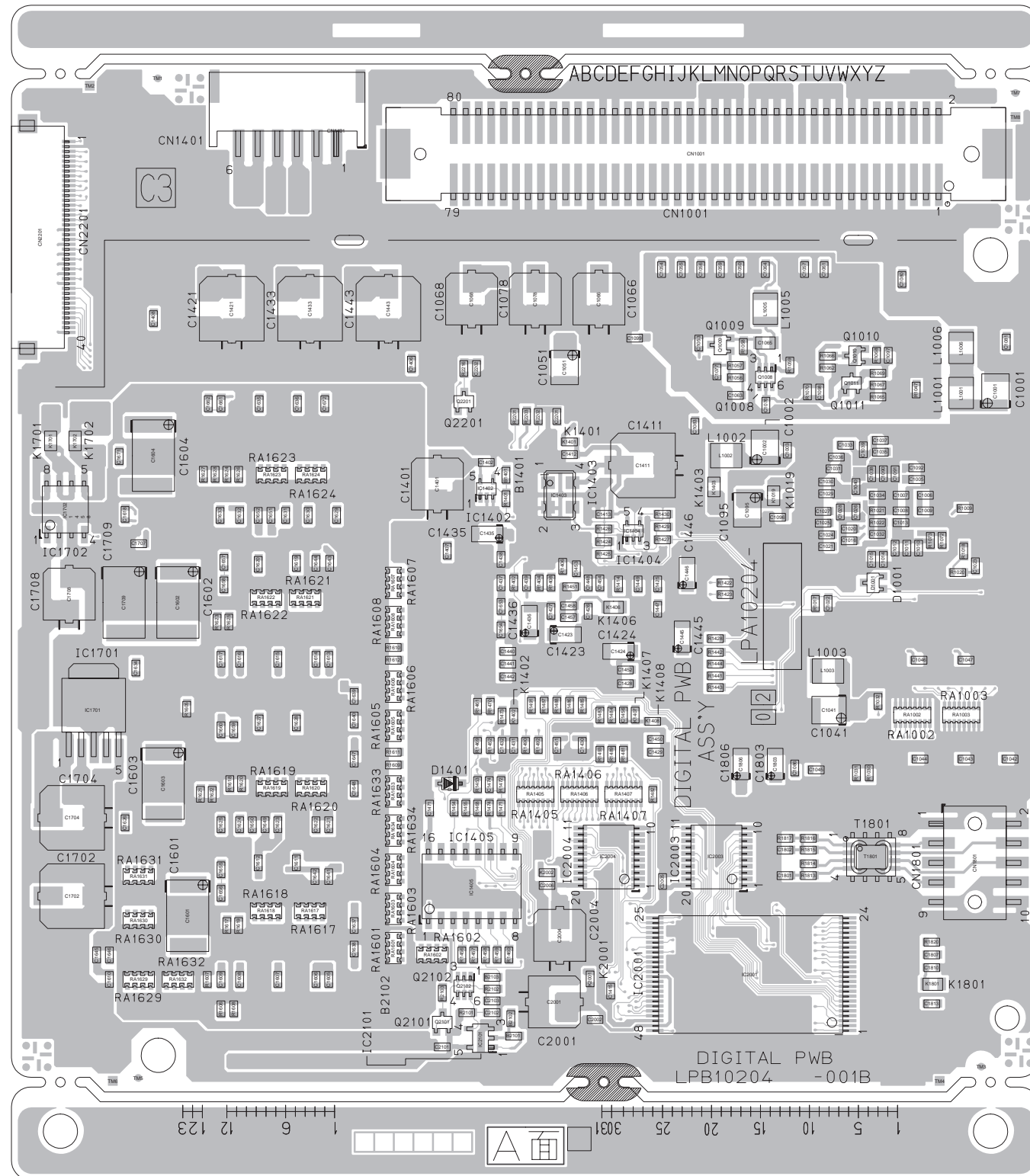


■ AV Output terminal board

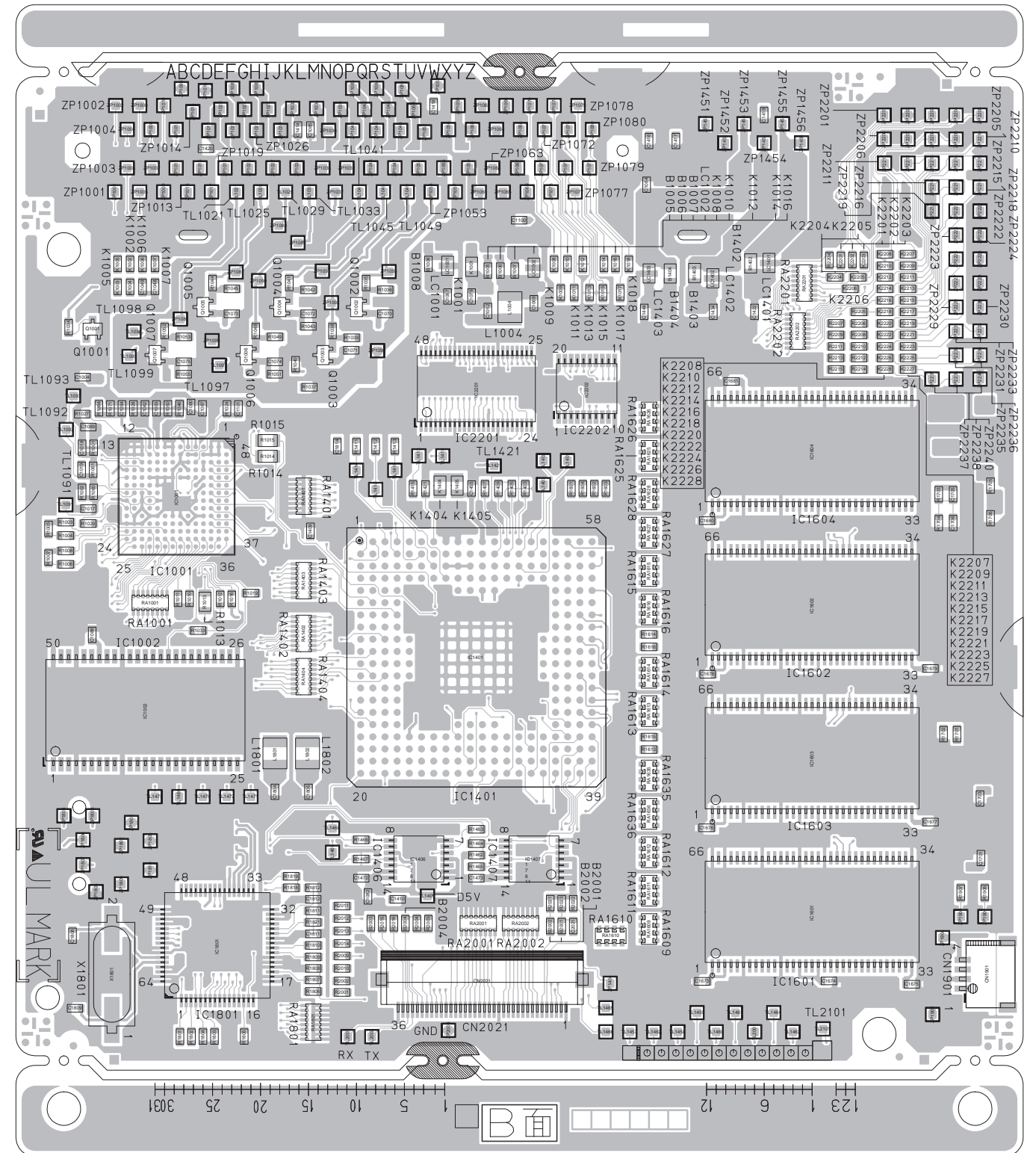




Forward side



Reverse side





<< MEMO >>

<< MEMO >>

<< MEMO >>

# PARTS LIST

[DR-M1SL]

- \* All printed circuit boards and its assemblies are not available as service parts.
- \* (x\_) in a description column shows the number of the used part.

## Area Suffix

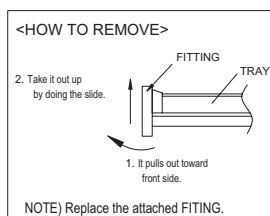
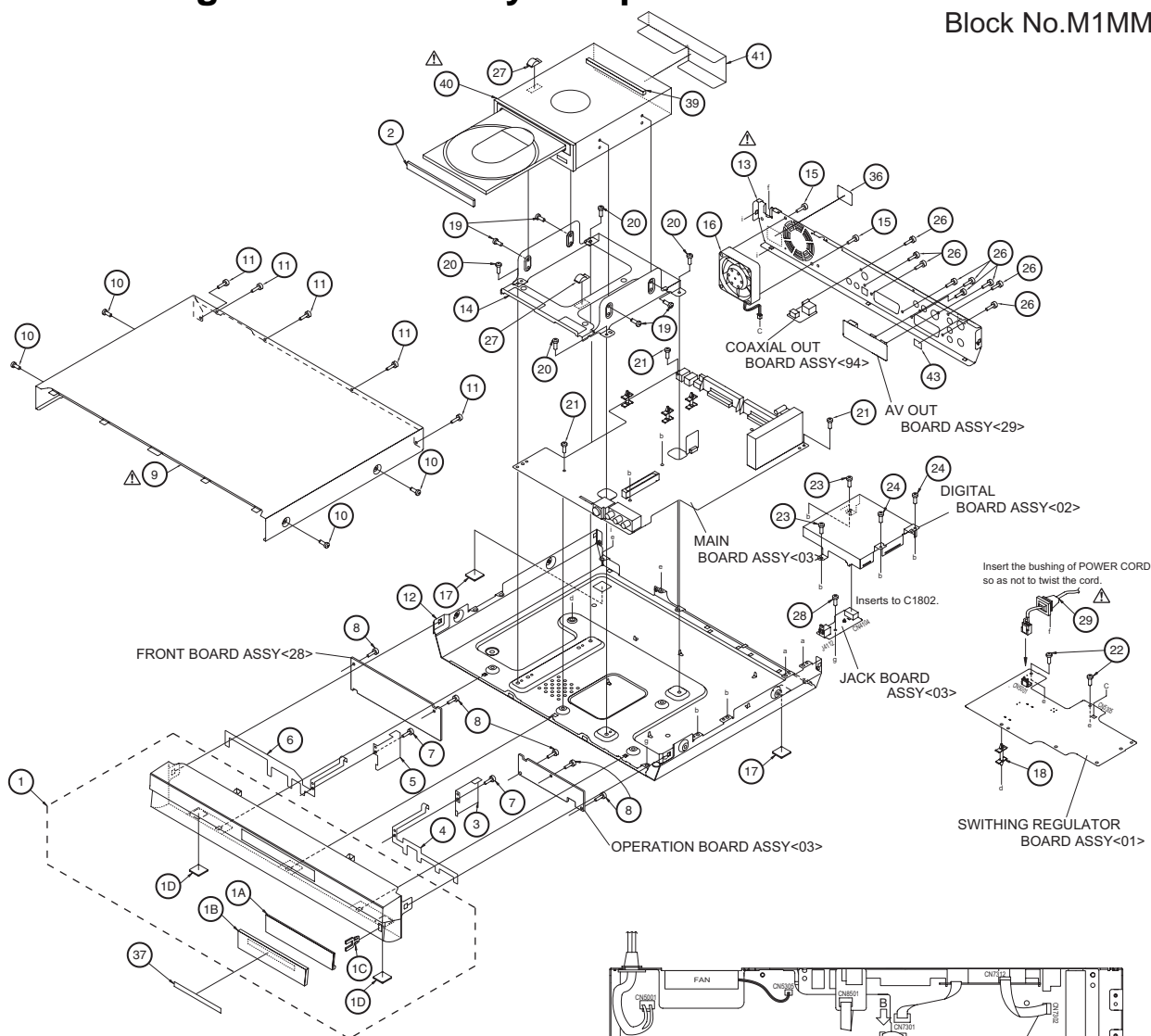
B	-----	U.K.
E	-----	Continental Europe
EF	-----	France

## - Contents -

Exploded view of general assembly and parts list .....	3-2
Electrical parts list .....	3-4
Packing materials and accessories parts list .....	3-16

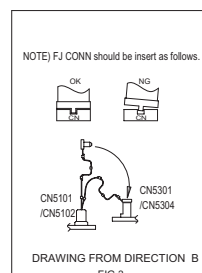
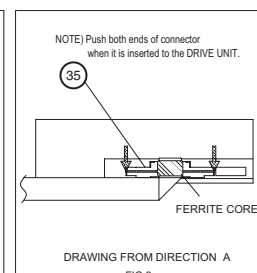
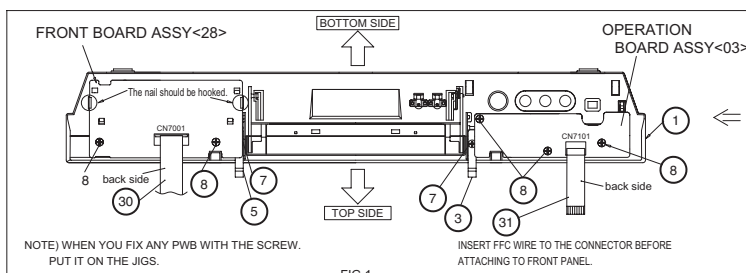
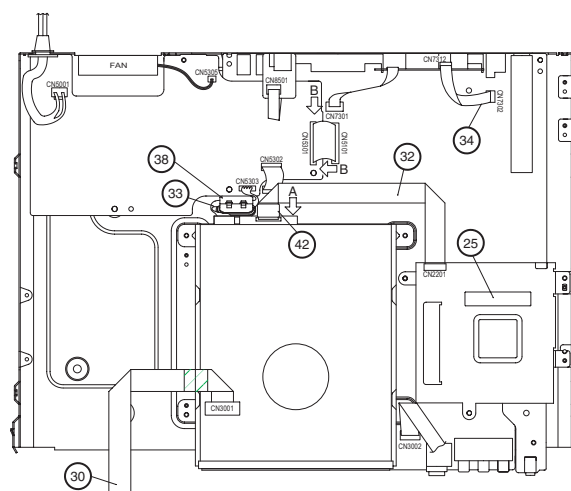
## Exploded view of general assembly and parts list

Block No.M1MM



1.Insert direction of FCC WIRE as follows.

2.FFC WIRE and DRUM FPC WIRE should be insert as follows



# General assembly

Block No. [M][1][M][M]

△ Symbol No.	Part No.	Part Name	Description	Local
1	LP10483-003F	FRONT PANEL ASSY		M1SLB
1	LP10483-002F	FRONT PANEL ASSY		M1SLE
1	LP10483-004F	FRONT PANEL ASSY		M1SLEF
1A	LP31228-001A	DOOR(JACK)		
1B	LP31229-003A	WINDOW(DOOR)		M1SLB
1B	LP31229-002A	WINDOW(DOOR)		M1SLE
1B	LP31229-004A	WINDOW(DOOR)		M1SLEF
1C	PU60109	CATCHER		
1D	LP30002-0E1A	SPECER	(x2)	
2	LP31236-001B	FITTING(DVD)		
3	LP31237-001C	BRACKET(R)		
4	LP31300-001B	EARTH PLATE(R)		
5	LP31238-001C	BRACKET(L)		
6	LP31299-001B	EARTH PLATE(L)		
7	QYTDSF2608Z	TAP SCREW	M2.6 x 8mm BKT(x2)	
8	QYTDSF2608Z	TAP SCREW	M2.6 x 8mm FRONT(x5)	
△ 9	LP10479-004A	TOP COVER		
10	QYSBSG3006N	TAP SCREW	3mm x 6mm TOP SIDE(x4)	
11	QYSBSG3006N	TAP SCREW	3mm x 6mm TOP REAR(x5)	
12	LP10477-001A	BOTTOM CHASSIS		
△ 13	LP10478-002B	REAR COVER		
14	LP21156-001A	BKT(DVD DRIVE)		
15	QYTDSF3008M	TAP SCREW	M3 x 8mm FAN(x2)	
16	QAR0295-001	FAN MOTOR		
17	LP30002-0E1A	SPECER	(x2)	
18	PEME0946-08	SPACER		
19	QYTDST3006Z	TAP SCREW	3mm x 6mm DRIVE(x4)	
20	LP40990-001A	SPECIAL SCREW	BKT(DVD)(x4)	
21	LP40990-001A	SPECIAL SCREW	MAIN(x3)	
22	LP40990-001A	SPECIAL SCREW	REG(x2)	
23	LP40990-001A	SPECIAL SCREW	DIGITAL(x2)	
24	QYSPSGG3006Z	TAP SCREW	M3 x 10mm DIGITAL(x2)	
25	LP31023-001A	BARCODE LABEL		
26	QYTDSF3008M	TAP SCREW	M3 x 8mm JACK(x9)	
27	LP31123-001A	EARTH PLATE(MECHA)	(x2)	
28	LP40990-001A	SPECIAL SCREW	DV	
△ 29	QMP51K0-170-K	POWER CORD(JP)	1.7m BLACK	M1SLB
△ 29	QMP4A10-170	POWER CORD(JP)	1.7m BLACK	M1SLE,M1SLEF
30	WJT0124-001A	E-CARD WIRE	MAIN CN3001-FRONT CN7001	
31	QUQ112-0914CG	FFC WIRE	MAIN CN3002-OPERATE CN7101	
32	QUQ105-4021AF	FFC WIRE	DVD UNUT-DIGITAL CN2201	
33	QJJ032-041904	SIN CR C-C WIRE	DVD UNUT-SW/REG CN5303	
34	QUQ212-0410CG	FFC WIRE	MAIN CN7302-AV OUT CN7312	
35	QGZ0018A1-40	CONNECTOR	(1-40)	
36	LP31281-002A	LABEL(PATENT)		M1SLB
36	LP31281-001A	LABEL(PATENT)		M1SLE
36	LP31281-003A	LABEL(PATENT)		M1SLEF
37	LP41120-001A	STICKER(FRONT)		
38	QQR0917-001	CORE FILTER		
39	LP41107-001A	GASKET		
△ 40	QAL0499-001	DRIVE UNIT		
41	LP31317-001A	SHIELD PLATE		
42	QQR1439-003	FERRITE CORE		
43	LP41107-002A	GASKET		M1SLEF

# Electrical parts list

## Switching regulator board

Block No. [0][1]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10201-02C1	SWITCHING REGULATOR BOARD ASSY		
IC5101	STR-G6653-F9	IC		
IC5301	UTC TL431-T	IC		
IC5301	or MM1431AT-T	IC		
IC5301	or L5431-T	IC		
IC5302	PQ5EV3	IC		
IC5303	MM1563DF-X	IC	Regulator	
IC5304	MM1565AF-X	IC	Regulator	
IC5305	SI-3012KM-X	IC		
IC5306	MM1563EF-X	IC	3.4V Regulator	
Q5305	2SD1858/QR/-T	TRANSISTOR		
Q5306	UMD12N-W	DIGI TRANSISTOR		
Q5306	or XP4313-W	DIGI TRANSISTOR		
Q5308	2SD1858/QR/-T	TRANSISTOR		
Q5310	2SD2144S/UV/-T	TRANSISTOR		
Q5310	or 2SC3576-JVC-T	TRANSISTOR		
Q5311	UMD12N-W	DIGI TRANSISTOR		
Q5311	or XP4313-W	DIGI TRANSISTOR		
Q5313	2SA1585S/QR/-T	TRANSISTOR		
Q5314	PDTC114EU-X	DIGI TRANSISTOR		
Q5314	or DTC114EUA-X	DIGI TRANSISTOR		
Q5314	or UN5211-X	DIGI TRANSISTOR		
Q5314	or RN1302-X	DIGI TRANSISTOR		
△ D5001	D3SBA60	DIODE		
D5101	10ERB40-T2	FR DIODE		
D5101	or AU01-T2	SI DIODE		
D5101	or ERA18-04-T2	FR DIODE		
D5101	or 1SR153-400-T2	FR DIODE		
D5102	10ERB40-T2	FR DIODE		
D5102	or AU01-T2	SI DIODE		
D5102	or ERA18-04-T2	FR DIODE		
D5102	or 1SR153-400-T2	FR DIODE		
D5103	PG104RS-T2	FR DIODE		
D5103	or 10ERB40-T2	FR DIODE		
D5103	or ERA18-02-T2	FR DIODE		
D5103	or AU01Z-T2	FR DIODE		
D5103	or 1SR153-400-T2	FR DIODE		
D5104	1SS133-T2	DIODE		
D5104	or 1SS270A-T2	SI DIODE		
D5105	10ERB40-T2	FR DIODE		
D5105	or ERA18-02-T2	FR DIODE		
D5105	or AU01Z-T2	FR DIODE		
D5105	or 1SR153-400-T2	FR DIODE		
D5105	or PG104RS-T2	FR DIODE		
D5106	10ERB40-T2	FR DIODE		
D5106	or ERA18-02-T2	FR DIODE		
D5106	or AU01Z-T2	FR DIODE		
D5106	or 1SR153-400-T2	FR DIODE		
D5106	or PG104RS-T2	FR DIODE		
D5201	10ERB40-T2	FR DIODE		
D5201	or ERA18-02-T2	FR DIODE		
D5202	RK34-LFB2	SB DIODE		
D5203	RK34-LFB2	SB DIODE		
D5205	RL2Z-LFB2	FRD		
D5206	PG104RS-T2	FR DIODE		
D5206	or 10ERB40-T2	FR DIODE		
D5206	or ERA18-02-T2	FR DIODE		
D5206	or AU01Z-T2	FR DIODE		
D5206	or 1SR153-400-T2	FR DIODE		
D5207	PG104RS-T2	FR DIODE		
D5207	or 10ERB40-T2	FR DIODE		
D5207	or ERA18-02-T2	FR DIODE		
D5207	or AU01Z-T2	FR DIODE		
D5207	or 1SR153-400-T2	FR DIODE		
D5208	RL2Z-LFB2	FRD		
D5209	RK34-LFB2	SB DIODE		
D5211	PG104RS-T2	FR DIODE		
D5211	or 10ERB40-T2	FR DIODE		
D5211	or ERA18-02-T2	FR DIODE		

△ Symbol No.	Part No.	Part Name	Description	Local
D5211	or AU01Z-T2	FR DIODE		
D5211	or 1SR153-400-T2	FR DIODE		
D5213	RK14LF-B2	SBD		
D5213	or 21DQ04-F	SBD		
D5213	or SB240-F26	SB DIODE		
D5301	MTZJ15A-T2	Z DIODE		
D5301	or RD15ES/B1/-T2	Z DIODE		
D5302	MTZJ12B-T2	Z DIODE		
D5302	or RD12ES/B2/-T2	Z DIODE		
D5303	MTZJ11C-T2	Z DIODE		
D5303	or RD11ES/B3/-T2	Z DIODE		
D5304	MTZJ5.6C-T2	Z DIODE		
D5304	or RD5.6ES/B3/-T2	Z DIODE		
D5305	RL2Z-LFB2	FRD		
D5306	1SS133-T2	DIODE		
D5306	or 1SS270A-T2	SI DIODE		
D5307	MTZJ27C-T2	Z DIODE		
D5307	or RD27ES/B3/-T2	Z DIODE		
D5309	RK34-LFB2	SB DIODE		
D5310	RK34-LFB2	SB DIODE		
D5311	RK34-LFB2	SB DIODE		
△ PC5101	PC123Y22	PHOTO COUPLER	Photo coupler	
△ C5001	QFZ9077-683	MPP CAPACITOR	0.068uF	
△ C5002	QFZ9051-223	MM CAPACITOR	0.022uF 250V M	
C5003	QEZ0374-107	E CAPACITOR	100uF 400V M	
△ C5004	QCZ9079-222	C CAPACITOR	2200pF AC250V M	
C5101	QCZ0339-101Z	C CAPACITOR	100pF 1kV K	
C5102	QCZ0349-472Z	C CAPACITOR	4700pF 1kV K	
C5103	QEMU1VM-276Z	E CAPACITOR	27uF 35V M	
C5104	QCZ0136-102Z	C CAPACITOR	1000pF 1kV K	
C5105	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	
C5106	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5107	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C5201	QEMX0JM-227Z	E CAPACITOR	220uF 6.3V M	
C5202	QEMT0JM-128	E CAPACITOR	1200uF 6.3V M	
C5203	QEMT1AM-228	E CAPACITOR	2200uF 10V M	
C5204	QEMT1CM-228	E CAPACITOR	2200uF 16V M	
C5205	QETN2AM-475Z	E CAPACITOR	470uF 50V J	
C5206	QEMU1HM-186Z	E CAPACITOR	18uF 50V M	
C5207	QEMT1AM-158	E CAPACITOR	1500uF 10V M	
C5208	QEMT1AM-228	E CAPACITOR	2200uF 10V M	
C5209	QEMT1CM-687	E CAPACITOR	680uF 16V M	
C5210	QEMU0JM-687Z	E CAPACITOR	680uF 6.3V M	
C5301	QFVF1HJ-154Z	MF CAPACITOR	0.15uF 50V J	
C5302	QFLC1HJ-333Z	M CAPACITOR	0.033uF 50V J	
C5303	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5304	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5305	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5306	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5307	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5308	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5309	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C5310	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C5311	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C5312	QCB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C5313	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5314	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C5315	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C5316	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5317	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5318	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5319	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5320	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C5321	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C5322	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C5323	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5326	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C5327	NCB31HK-471X	C CAPACITOR	470pF 50V K	
R5101	QRG02GJ-683	OMF RESISTOR	68kΩ 2W J	
R5102	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R5103	QRG02GJ-683	OMF RESISTOR	68kΩ 2W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R5104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		IC1406	SN74HCT08APW-X	IC		
R5105	QRE141J-680Y	C RESISTOR	680Ω 1/4W J		IC1407	SN74LV08APW-X	IC		
R5106	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		IC1601	HY5DU281622DT-6	IC		
R5107	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J		IC1602	HY5DU281622DT-6	IC		
R5108	QRT01DJ-R33X	MF RESISTOR	0.33Ω 1W J		IC1603	HY5DU281622DT-6	IC		
R5301	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		IC1604	HY5DU281622DT-6	IC		
R5302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		IC1701	PQ015YZ01Z-X	IC		
R5303	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D		IC1801	TSB41AB2PAP	IC		
R5304	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D		IC2001	MBPL65LM90TN	IC		
R5305	NRSA63D-243X	MG RESISTOR	24kΩ 1/16W D		IC2003	SN74LVC373APW-X	IC		
R5306	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D		IC2004	SN74LVC373APW-X	IC		
R5310	QRE141J-8R2Y	C RESISTOR	8.2Ω 1/4W J		IC2201	SN74CBTD6210G-X	IC		
R5311	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D		IC2202	SN74CBT3245AP-X	IC		
R5312	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D						
R5313	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D		Q1002	2SA1576A/QR/-X	TRANSISTOR		
R5317	NRSA02J-222X	MG RESISTOR	2.2kΩ 1/10W J		Q1002	or 2PA1576/R/-X	TRANSISTOR		
R5318	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		Q1002	or 2SB1218A/QR/-X	TRANSISTOR		
R5319	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D		Q1003	2SA1576A/QR/-X	TRANSISTOR		
R5320	NRVA02D-472X	CMF RESISTOR	4.7kΩ 1/10W D		Q1003	or 2PA1576/R/-X	TRANSISTOR		
R5321	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		Q1003	or 2SB1218A/QR/-X	TRANSISTOR		
△ R5322	QRZ9005-100X	FUSI RESISTOR	10Ω		Q1004	2SA1576A/QR/-X	TRANSISTOR		
R5323	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		Q1004	or 2PA1576/R/-X	TRANSISTOR		
R5324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		Q1004	or 2SB1218A/QR/-X	TRANSISTOR		
R5327	QRE141J-681Y	C RESISTOR	680Ω 1/4W J		Q1005	2SA1576A/QR/-X	TRANSISTOR		
R5328	QRE141J-821Y	C RESISTOR	820Ω 1/4W J		Q1005	or 2PA1576/R/-X	TRANSISTOR		
R5331	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J		Q1005	or 2SB1218A/QR/-X	TRANSISTOR		
R5332	QRE141J-471Y	C RESISTOR	470Ω 1/4W J		Q1006	2SA1576A/QR/-X	TRANSISTOR		
R5333	QRE123J-101X	C RESISTOR	100Ω 1/2W J		Q1006	or 2PA1576/R/-X	TRANSISTOR		
R5334	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q1006	or 2SB1218A/QR/-X	TRANSISTOR		
R5335	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		Q1007	2SA1576A/QR/-X	TRANSISTOR		
					Q1007	or 2PA1576/R/-X	TRANSISTOR		
L5201	PELN1184	CHOKE COIL			Q1007	or 2SB1218A/QR/-X	TRANSISTOR		
L5202	PELN1184	CHOKE COIL			Q1008	UMZ1N-W	PAIR TRANSISTOR		
L5203	PELN1184	CHOKE COIL			Q1008	or BC847PN-X	PAIR TRANSISTOR		
L5204	PELN1184	CHOKE COIL			Q1008	or BC846PN-X	PAIR TRANSISTOR		
L5205	PELN1184	CHOKE COIL			Q1009	2SC4081/QRS/-X	TRANSISTOR		
L5206	PELN1184	CHOKE COIL			Q1009	or 2PC4081/R/-X	TRANSISTOR		
L5207	PELN1184	CHOKE COIL			Q1009	or 2SD1819A/QRS/-X	TRANSISTOR		
△ T5001	QQS0209-001	SW TRANSF			Q1010	2SC4081/QRS/-X	TRANSISTOR		
					Q1010	or 2PC4081/R/-X	TRANSISTOR		
△ CN5001	QGA7901C3-02	CONNECTOR	W-B (1-2)		Q1010	or 2SD1819A/QRS/-X	TRANSISTOR		
CN5301	QGB1231L1-19	CONNECTOR	B-B (1-19)		Q1011	2SC4081/QRS/-X	TRANSISTOR		
CN5302	QGB1231L1-09	CONNECTOR	B-B (1-9)		Q1011	or 2PC4081/R/-X	TRANSISTOR		
CN5303	QGA2501C1-04	CONNECTOR	W-B (1-4)		Q1011	or 2SD1819A/QRS/-X	TRANSISTOR		
CN5305	QGA2001C1-02	CONNECTOR	W-B (1-2)		Q2201	DTC144WUA-X	DIGI TRANSISTOR	FlashMemoy	
△ CP5301	QMFZ049-1R5Z-E	FUSE	1.5A 125V		Q2201	or PDTTC144WU-X	DIGI TRANSISTOR		
△ F5001	QMF51E2-2R0-J1	FUSE	2A AC250V		Q2201	or UN521E-X	DIGI TRANSISTOR		
FC5001	EMG7331-003Z	FUSE CLIP			Q2201	or RN1309-X	DIGI TRANSISTOR		
FC5002	EMG7331-003Z	FUSE CLIP							
HS1	PEME0889-01-01	HEAT SINK	FOR IC5101		D1001	DAN202U-X	SI DIODE		
K5102	QQR0678-001Z	FERRITE BEADS			D1001	or MA142WK-X	SI DIODE		
△ LF5002	QQR1031-001	LINE FILTER			D1401	1SS355-X	SI DIODE		
△ OT1	LP41084-001A	SHEET(PROTECTOR)			D1401	or MA111-X	SI DIODE		
OT2	QYTDST3010Z	TAP SCREW	M3 x 10mm FOR IC5101						
W5501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C1001	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
W5502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C1002	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
W5503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C1003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

## Digital board

Block No. [0][2]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10204-02A	DIGITAL BOARD ASSY		
IC1001	JCP8059	IC		
IC1002	HY57V161610DTC7	IC		
IC1002	or K4S161622D-TC80	IC	16Mbit SDRAM	
IC1002	or MT48LC1M16A1TG8	IC		
IC1002	or HY57V161610DTC8	IC	16MB SDRAM	
IC1002	or MT48LC1M16TG-7S	IC		
IC1401	DMN8600-D0	IC(DIGITAL)		
IC1403	NAX0580-001X	CXO	27.0000MHz	
IC1405	SN74HC595NS-X	IC		

C1001	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1002	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M
C1003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1011	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1017	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1019	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C1020	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C1027	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1450	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1028	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1451	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1029	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1452	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1453	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1454	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1455	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1456	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1034	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1457	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1035	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1458	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1036	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1471	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1472	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1038	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1473	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1039	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1603	NBAD0GM-227X	OS E CAPACITOR	220uF 2.5V M	
C1040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1604	NBAD0GM-227X	OS E CAPACITOR	220uF 2.5V M	
C1041	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C1605	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1607	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1608	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1610	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1611	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1046	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1612	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1613	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1051	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C1615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1052	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1616	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1060	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1618	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1062	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C1619	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1065	NCB20JM-475X	C CAPACITOR	4.7uF 6.3V M		C1620	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1077	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1621	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1085	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1623	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1086	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1624	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1087	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1088	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1626	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1089	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1627	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1090	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1628	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1091	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1629	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1092	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1631	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1093	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1633	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1094	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1634	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1095	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C1635	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1096	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1636	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1097	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1637	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1098	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1638	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1099	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1639	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1100	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1640	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1641	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1407	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1642	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1408	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1643	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1644	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1645	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1411	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		C1646	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1647	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1415	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1648	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1416	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1649	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1417	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1650	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1418	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1651	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1419	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1652	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1420	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1653	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1421	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		C1654	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1422	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1655	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1424	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1656	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1425	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1657	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1426	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1658	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1427	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1659	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1428	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1660	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1429	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1661	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1430	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1662	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1431	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1673	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1433	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		C1674	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1434	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1675	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1435	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1676	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1437	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1677	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1438	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1678	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1440	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1679	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1443	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		C1680	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1444	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1681	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1446	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C1701	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1447	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1702	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
C1448	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1703	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1449	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1704	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	



△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C1705	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1069	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
C1706	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1070	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
C1707	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1071	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
C1709	NBAD0GM-227X	OS E CAPACITOR	220uF 2.5V M		R1072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1801	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1802	NDC31HJ-271X	C CAPACITOR	270pF 50V J		R1402	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1803	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1804	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1404	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1805	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1405	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C1806	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R1406	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1807	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1808	NDC31HJ-120X	C CAPACITOR	12pF 50V J		R1408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1809	NDC31HJ-120X	C CAPACITOR	12pF 50V J		R1411	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1811	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1412	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1812	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1413	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2001	NEH90JM-476X	E CAPACITOR	47uF 6.3V M		R1414	NRSA63J-103X	MG RESISTOR	100Ω 1/16W J	
C2002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1415	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C2004	NEH90JM-476X	E CAPACITOR	47uF 6.3V M		R1421	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C2005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1422	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C2006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1423	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C2201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1425	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C2202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1427	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63D-221X	MG RESISTOR	220Ω 1/16W D		R1428	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1429	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1441	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1442	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1443	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1444	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1451	NRSA63F-1181X	MG RESISTOR	1.18kΩ 1/16W F	
R1009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1452	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1453	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1013	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		R1454	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		R1455	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1015	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		R1456	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1457	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1458	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1459	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1021	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D		R1460	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1022	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D		R1461	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1024	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D		R1462	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1027	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R1463	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1028	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R1464	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1029	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1465	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1466	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1031	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1467	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1032	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1468	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1033	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1469	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1470	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1471	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1037	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D		R1472	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1473	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1474	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1040	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D		R1481	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1482	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1042	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1483	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1043	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D		R1484	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1485	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1045	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1486	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1046	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R1487	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1047	NRSA63D-201X	MG RESISTOR	200Ω 1/16W D		R1488	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1048	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1489	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1049	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1490	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1050	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R1491	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1051	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R1492	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1493	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1053	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1601	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1054	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R1602	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1055	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1603	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1056	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1604	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R1057	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		R1605	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1059	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1606	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R1607	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1061	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R1608	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1065	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J		R1613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1067	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J		R1615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1068	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D		R1616	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
					R1617	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R1618	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J		RA1601	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA1602	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1620	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA1603	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1621	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J		RA1604	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1622	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J		RA1605	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1623	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J		RA1606	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1624	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J		RA1607	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1625	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA1608	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1626	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA1609	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1627	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J		RA1610	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1628	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J		RA1611	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1701	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		RA1612	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		RA1613	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1703	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D		RA1614	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1704	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D		RA1615	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA1616	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA1617	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA1618	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1804	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA1619	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA1620	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA1621	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA1622	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA1623	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1810	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J		RA1624	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1812	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA1625	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R1813	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA1626	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R1814	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA1627	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R1815	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA1628	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R1816	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J		RA1629	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	
R1817	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J		RA1630	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	
R1818	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D		RA1631	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	
R1819	NRSA63D-751X	MG RESISTOR	750Ω 1/16W D		RA1632	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	
R1820	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA1634	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1821	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		RA1635	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R1906	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA1636	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	
R1907	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA1801	NRZ0080-103X	NET RESISTOR	10kΩ	
R2001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA2001	NRZ0080-103X	NET RESISTOR	10kΩ	
R2002	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA2002	NRZ0080-103X	NET RESISTOR	10kΩ	
R2003	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA2201	NRZ0080-330X	NET RESISTOR	33Ω	
R2004	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA2202	NRZ0080-330X	NET RESISTOR	33Ω	
R2009	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1001	NQL144K-100X	P COIL	10uH K	
R2010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1002	NQL144K-100X	P COIL	10uH K	
R2011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1003	NQL144K-100X	P COIL	10uH K	
R2012	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1004	NQL144K-100X	P COIL	10uH K	
R2013	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1801	NQL144K-100X	P COIL	10uH K	
R2014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1802	NQL144K-100X	P COIL	10uH K	
R2015	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		T1801	NQR0444-001X	CHOKE COIL		
R2016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2021	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		B1005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2022	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		B1007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2023	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		B1008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		B1401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		B2002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2202	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		B2101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2203	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		B2102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2204	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		CN1001	QGB1233M1-80T	CONNECTOR	B-B (1-80)	
R2205	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		CN1801	QGB2027L1-10X	CONNECTOR	B-B (1-10)	
R2206	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		CN1901	QGF1016F2-04W	CONNECTOR	FFC/FPC (1-4)	
R2207	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		CN2021	QGF0508F1-36X	CONNECTOR	FFC/FPC (1-36)	
R2208	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		CN2201	QGF0533F1-40X	CONNECTOR	FFC/FPC (1-40)	
R2209	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R2210	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		K1002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2211	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2212	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2214	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2215	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		K1007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2216	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		K1008	NQR0129-002X	FERRITE BEADS		
RA1001	NRZ0080-0R0X	NET RESISTOR	0Ω		K1009	NQR0129-002X	FERRITE BEADS		
RA1002	NRZ0080-103X	NET RESISTOR	10kΩ		K1010	NQR0129-002X	FERRITE BEADS		
RA1003	NRZ0080-103X	NET RESISTOR	10kΩ		K1011	NQR0129-002X	FERRITE BEADS		
RA1401	NRZ0080-103X	NET RESISTOR	10kΩ		K1012	NQR0129-002X	FERRITE BEADS		
RA1402	NRZ0080-101X	NET RESISTOR	100Ω		K1013	NQR0129-002X	FERRITE BEADS		
RA1403	NRZ0080-101X	NET RESISTOR	100Ω		K1014	NQR0129-002X	FERRITE BEADS		
RA1404	NRZ0080-101X	NET RESISTOR	100Ω		K1015	NQR0129-002X	FERRITE BEADS		
RA1405	NRZ0080-101X	NET RESISTOR	100Ω		K1016	NQR0129-002X	FERRITE BEADS		
RA1406	NRZ0080-101X	NET RESISTOR	100Ω		K1017	NQR0129-002X	FERRITE BEADS		
RA1407	NRZ0080-101X	NET RESISTOR	100Ω						

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
K1018	NQR0129-002X	FERRITE BEADS			IC4301	LA7357M-W	IC		M1SLEF
K1019	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		IC4304	74HC4538D-X	IC		M1SLEF
K1401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		IC6701	MSP3417GQB8V3X	IC		
K1402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		IC6701	or MSP3417G-X	IC	Demodulator	
K1403	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		IC6701	or MSP3417D-X	IC		
K1404	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		IC7301	MM1623XF-X	IC	Video driver	
K1405	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		IC7302	MM1508XN-X	IC		
K1406	NQR0339-001X	FERRITE BEADS			IC7303	MM1503XN-X	IC		
K1407	NQR0129-002X	FERRITE BEADS			IC7304	MM1501XN-X	IC		
K1701	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		IC7305	MM1501XN-X	IC		
K1702	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		IC7306	MM1501XN-X	IC		
K1801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		IC8001	AK5365VQ	IC	Audio signal selector	
K2001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		IC8002	SN74LV08APW-X	IC		
K2002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		IC8201	AK4381VT-X	IC	2ch DA Converter	
K2201	NQR0129-002X	FERRITE BEADS			IC8202	BA15218F-XE	IC	Dual operational amplifier	
K2202	NQR0129-002X	FERRITE BEADS			IC8301	LA7151M-X	IC		
K2203	NQR0129-002X	FERRITE BEADS			IC8302	LA7151M-X	IC		
K2204	NQR0129-002X	FERRITE BEADS			IC8303	BA15218F-XE	IC	Dual operational amplifier	
K2205	NQR0129-002X	FERRITE BEADS							
K2206	NQR0129-002X	FERRITE BEADS			Q3004	2SD1819A/QRS/-X	TRANSISTOR		
K2207	NQR0129-002X	FERRITE BEADS			Q3004	or 2SC4081/QRS/-X	TRANSISTOR		
K2208	NQR0129-002X	FERRITE BEADS			Q3004	or 2PC4081/R/-X	TRANSISTOR		
K2209	NQR0129-002X	FERRITE BEADS			Q3007	UN521E-X	DIGI TRANSISTOR		
K2210	NQR0129-002X	FERRITE BEADS			Q3007	or DTC144WUA-X	DIGI TRANSISTOR		
K2211	NQR0129-002X	FERRITE BEADS			Q3007	or RN1309-X	DIGI TRANSISTOR		
K2212	NQR0129-002X	FERRITE BEADS			Q3007	or PDTCT144WU-X	DIGI TRANSISTOR		
K2213	NQR0129-002X	FERRITE BEADS			Q3009	UN521E-X	DIGI TRANSISTOR		
K2214	NQR0129-002X	FERRITE BEADS			Q3009	or DTC144WUA-X	DIGI TRANSISTOR		
K2215	NQR0129-002X	FERRITE BEADS			Q3009	or RN1309-X	DIGI TRANSISTOR		
K2216	NQR0129-002X	FERRITE BEADS			Q3009	or PDTCT144WU-X	DIGI TRANSISTOR		
K2217	NQR0129-002X	FERRITE BEADS			Q3010	UN521E-X	DIGI TRANSISTOR		
K2218	NQR0129-002X	FERRITE BEADS			Q3010	or DTC144WUA-X	DIGI TRANSISTOR		
K2219	NQR0129-002X	FERRITE BEADS			Q3010	or RN1309-X	DIGI TRANSISTOR		
K2220	NQR0129-002X	FERRITE BEADS			Q3010	or PDTCT144WU-X	DIGI TRANSISTOR		
K2221	NQR0129-002X	FERRITE BEADS			Q3012	2SA1576A/QR/-X	TRANSISTOR		
K2222	NQR0129-002X	FERRITE BEADS			Q3012	or 2PA1576/R/-X	TRANSISTOR		
K2223	NQR0129-002X	FERRITE BEADS			Q4001	2SB1218A/QRS/-X	TRANSISTOR		
K2224	NQR0129-002X	FERRITE BEADS			Q4001	or 2SA1576A/QRS/-X	TRANSISTOR		
K2225	NQR0129-002X	FERRITE BEADS			Q4001	or 2PA1576/R/-X	TRANSISTOR		
K2226	NQR0129-002X	FERRITE BEADS			Q4003	2SD1819A/QRS/-X	TRANSISTOR		
K2227	NQR0129-002X	FERRITE BEADS			Q4003	or 2SC4081/QRS/-X	TRANSISTOR		
K2228	NQR0129-002X	FERRITE BEADS			Q4003	or 2PC4081/R/-X	TRANSISTOR		
LC1401	NQR0415-002X	EMI FILTER	1uF 16V Z		Q4006	2SD1819A/QRS/-X	TRANSISTOR		
LC1402	NQR0415-002X	EMI FILTER	1uF 16V Z		Q4006	or 2SC4081/QRS/-X	TRANSISTOR		
LC1403	NQR0415-002X	EMI FILTER	1uF 16V Z		Q4006	or 2PC4081/R/-X	TRANSISTOR		
SD1	LP21157-001A	S.FRAME(DIGI)			Q4101	2SD2144S/UV/-T	TRANSISTOR		
X1801	NAX0551-001X	CRYSTAL			Q4301	2SD1819A/QRS/-X	TRANSISTOR		M1SLEF

## Main board

Block No. [0][3]

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
	MAIN PWB ASS'Y	MAIN BOARD ASSY		M1SLB	Q6030	or 2SA1576A/QR/-X	TRANSISTOR		
	MAIN PWB ASS'Y	MAIN BOARD ASSY		M1SLE	Q6030	or 2PA1576/R/-X	TRANSISTOR		
	MAIN PWB ASS'Y	MAIN BOARD ASSY		M1SLEF	Q6031	DTC114EUA-X	DIGI TRANSISTOR		
PW1	LPA10209-03B1	MAIN BOARD ASSY		M1SLB	Q6031	or UN5211-X	DIGI TRANSISTOR		
PW1	LPA10209-01B1	MAIN BOARD ASSY		M1SLE	Q6031	or RN1302-X	DIGI TRANSISTOR		
PW1	LPA10209-02B1	MAIN BOARD ASSY		M1SLEF	Q6031	or PDTCT114EU-X	DIGI TRANSISTOR		
PW1	LPA10209-01A4	SECAM SUB BOARD ASSY		M1SLEF	Q7101	DTA114ESA-T	DIGI TRANSISTOR		
PW2	LPA10209-01A2	OPERATE BOARD ASSY			Q7201	2SC1317/RS/-T	TRANSISTOR		
PW3	LPA10209-01A3	JACK BOARD ASSY			Q7301	2SD1819A/QRS/-X	TRANSISTOR		
IC3001	HD6432194SXD41F	IC(MCU)	System controller		Q7301	or 2SC4081/QRS/-X	TRANSISTOR		
IC3001	or HD64F2194FD41	IC(MCU)			Q7301	or 2PC4081/R/-X	TRANSISTOR		
IC3001	or HD6432194B13F	IC(MCU)			Q7302	2SB1218A/QR/-X	TRANSISTOR		
IC3002	IC-PST3427U-X	IC			Q7302	or 2SA1576A/QR/-X	TRANSISTOR		
IC3004	LPN0827-002C-02	IC(EEPROM)	(SERVICE)	M1SLB	Q7302	or 2PA1576/R/-X	TRANSISTOR		
IC3004	LPN0828-001C-03	IC(EEPROM)	(SERVICE)	M1SLEF	Q7303	2SB1218A/QR/-X	TRANSISTOR		
IC3004	LPN0827-001C-01	IC(EEPROM)	(SERVICE)	M1SLE	Q7303	or 2SA1576A/QR/-X	TRANSISTOR		
IC4001	JCP8038-I	IC			Q7303	or 2PA1576/R/-X	TRANSISTOR		
IC4001	or JCP8038	IC	Video signal controller		Q7304	UN521E-X	DIGI TRANSISTOR		
IC4201	LC74793	IC	CMOS-LSI for PDC/VPS/UDT interface		Q7304	or DTC144WUA-X	DIGI TRANSISTOR		
					Q7304	or PDTCT144WU-X	DIGI TRANSISTOR		
					Q7304	or RN1309-X	DIGI TRANSISTOR		
					Q7305	UN521E-X	DIGI TRANSISTOR		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
Q7305	or DTC144WUA-X	DIGI TRANSISTOR			D7113	or 1SS270A-T2	SI DIODE		
Q7305	or PDC144WU-X	DIGI TRANSISTOR			D7114	1SS133-T2	DIODE		
Q7305	or RN1309-X	DIGI TRANSISTOR			D7114	or 1SS270A-T2	SI DIODE		
Q7310	2SB1218A/QR/-X	TRANSISTOR			D7115	1SS133-T2	DIODE		
Q7310	or 2SA1576A/QR/-X	TRANSISTOR			D7115	or 1SS270A-T2	SI DIODE		
Q7310	or 2PA1576/R/-X	TRANSISTOR			D7141	SLA-580BC3T3F	LED		
Q7311	2SB1218A/QR/-X	TRANSISTOR			D7301	MTZJ2.7B-T2	Z DIODE		
Q7311	or 2SA1576A/QR/-X	TRANSISTOR			D7301	or RD2.7ES/B2/-T2	Z DIODE		
Q7311	or 2PA1576/R/-X	TRANSISTOR							
Q7312	UN521E-X	DIGI TRANSISTOR			C3007	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
Q7312	or DTC144WUA-X	DIGI TRANSISTOR			C3010	QEZ0244-229	EDL CAPACITOR	0.022F 5.5V Z	
Q7312	or PDC144WU-X	DIGI TRANSISTOR			C3014	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
Q7312	or RN1309-X	DIGI TRANSISTOR			C3015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q7313	UN521E-X	DIGI TRANSISTOR			C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q7313	or DTC144WUA-X	DIGI TRANSISTOR			C3022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q7313	or PDC144WU-X	DIGI TRANSISTOR			C3024	NDC31HJ-220X	C CAPACITOR	22pF 50V J	M1SLE
Q7313	or RN1309-X	DIGI TRANSISTOR			C3024	NDC31HJ-120X	C CAPACITOR	12pF 50V J	M1SLB,M1SLEF
Q7314	UN521E-X	DIGI TRANSISTOR			C3025	QAT3725-300Z	TRIM CAPACITOR	30pF,TIMER CLOCK	M1SLE
Q7314	or DTC144WUA-X	DIGI TRANSISTOR			C3027	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
Q7314	or PDC144WU-X	DIGI TRANSISTOR			C3030	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
Q7314	or RN1309-X	DIGI TRANSISTOR			C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q7315	DTC114TUA-X	DIGI TRANSISTOR			C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q7315	or PDC114TU-X	DIGI TRANSISTOR			C3033	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q7315	or UN5215-X	DIGI TRANSISTOR			C3036	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
Q7315	or RN1311-X	DIGI TRANSISTOR			C3037	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
Q7316	2SB1218A/QR/-X	TRANSISTOR			C3038	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
Q7316	or 2SA1576A/QR/-X	TRANSISTOR			C3039	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q7316	or 2PA1576/R/-X	TRANSISTOR			C3041	NDC31HJ-130X	C CAPACITOR	13pF 50V J	M1SLB,M1SLEF
Q7317	2SB1218A/QR/-X	TRANSISTOR			C3042	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
Q7317	or 2SA1576A/QR/-X	TRANSISTOR			C3050	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q7317	or 2PA1576/R/-X	TRANSISTOR			C3054	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8201	UMH2N-W	DIGI TRANSISTOR			C4001	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
Q8201	or XP4213-W	DIGI TRANSISTOR			C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q8202	UMD3N-W	DIGI TRANSISTOR			C4003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Q8202	or XP4311-W	TRANSISTOR			C4005	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8203	2SC4081/QRS/-X	TRANSISTOR			C4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Q8203	or 2PC4081/R/-X	TRANSISTOR			C4008	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
Q8203	or 2SD1819A/QRS/-X	TRANSISTOR			C4010	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8205	2SC4081/QRS/-X	TRANSISTOR			C4012	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8205	or 2PC4081/R/-X	TRANSISTOR			C4013	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
Q8205	or 2SD1819A/QRS/-X	TRANSISTOR			C4015	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8301	2SC4081/QRS/-X	TRANSISTOR			C4016	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8301	or 2PC4081/R/-X	TRANSISTOR			C4018	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
Q8301	or 2SD1819A/QRS/-X	TRANSISTOR			C4019	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
Q8302	2SC4081/QRS/-X	TRANSISTOR			C4021	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8302	or 2PC4081/R/-X	TRANSISTOR			C4022	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8302	or 2SD1819A/QRS/-X	TRANSISTOR			C4023	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8303	2SC4081/QRS/-X	TRANSISTOR			C4024	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8303	or 2PC4081/R/-X	TRANSISTOR			C4025	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8303	or 2SD1819A/QRS/-X	TRANSISTOR			C4026	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8304	2SC4081/QRS/-X	TRANSISTOR			C4027	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
Q8304	or 2PC4081/R/-X	TRANSISTOR			C4028	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	
Q8304	or 2SD1819A/QRS/-X	TRANSISTOR			C4029	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
					C4030	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3002	1SS133-T2	DIODE			C4033	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3002	or 1SS270A-T2	SI DIODE			C4034	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
D3003	RD39ES/B3-T2	Z DIODE			C4035	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3003	or MTZJ39C-T2	Z DIODE			C4036	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3004	10EDB20-T2	SI DIODE			C4037	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3004	or 1A3G-T2	SI DIODE			C4039	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3005	10EDB20-T2	SI DIODE			C4040	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3005	or 1A3G-T2	SI DIODE			C4041	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3007	1SS133-T2	DIODE			C4043	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
D3007	or 1SS270A-T2	SI DIODE			C4045	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	
D3008	1SS133-T2	DIODE			C4046	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3008	or 1SS270A-T2	SI DIODE			C4047	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D3012	SLR-325MG-T	LED			C4049	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
D4001	DA204U-X	SI DIODE			C4050	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
D4002	DA204U-X	SI DIODE			C4055	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
D4301	1SS133-T2	DIODE		M1SLEF	C4056	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
D4301	or 1SS270A-T2	SI DIODE		M1SLEF	C4058	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
D6002	HZ30-2L-T2	Z DIODE			C4059	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
D6002	or HZ30-2LTD	Z DIODE			C4060	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
D6701	1SS133-T2	DIODE			C4061	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
D6701	or 1SS270A-T2	SI DIODE			C4065	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
D7112	1SS133-T2	DIODE			C4067	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
D7112	or 1SS270A-T2	SI DIODE			C4068	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
D7113	1SS133-T2	DIODE			C4069	NDC31HJ-821X	C CAPACITOR	820pF 50V J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C4071	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z		C7340	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4072	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M		C7345	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4081	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C7346	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C4084	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7347	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C4109	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M		C7350	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C4110	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M		C7351	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C4201	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M		C7354	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C4202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7355	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C4203	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7368	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C4204	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C7369	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C4207	NCB31CK-563X	C CAPACITOR	0.056uF 16V K		C7371	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C4208	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8001	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C4209	NCB31AK-224X	C CAPACITOR	0.22uF 10V K		C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C4210	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M		C8005	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C4211	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C8007	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C4301	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	M1SLEF	C8008	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C4302	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	M1SLEF	C8009	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C4304	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	M1SLEF	C8010	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C4305	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	M1SLEF	C8011	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C4306	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	M1SLEF	C8012	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C4307	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	M1SLEF	C8014	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C4308	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	M1SLEF	C8021	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4309	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	M1SLEF	C8022	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4310	NDC31HJ-471X	C CAPACITOR	470pF 50V J	M1SLEF	C8023	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C4318	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	M1SLEF	C8024	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4319	NDC31HJ-471X	C CAPACITOR	470pF 50V J	M1SLEF	C8025	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6006	NCB21HK-103X	C CAPACITOR	0.01uF 50V K		C8026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6007	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M		C8027	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C6014	NCB21HK-103X	C CAPACITOR	0.01uF 50V K		C8028	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C6037	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M	M1SLEF	C8029	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M	
C6701	NCB21HK-102X	C CAPACITOR	1000pF 50V K		C8031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6707	NDC21HJ-470X	C CAPACITOR	47pF 50V J		C8032	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C6708	NDC21HJ-8R0X	C CAPACITOR	8pF 50V J		C8201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6709	NDC21HJ-2R0X	C CAPACITOR	2pF 50V J		C8202	QETJ0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6713	NCF21CZ-224X	C CAPACITOR	0.22uF 16V Z		C8203	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6714	NCB21HK-222X	C CAPACITOR	2200pF 50V K		C8204	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C6715	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M		C8205	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C6716	NCB21HK-222X	C CAPACITOR	2200pF 50V K		C8206	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6717	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M		C8207	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C6719	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M		C8208	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C6720	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M		C8209	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6721	NCB21HK-103X	C CAPACITOR	0.01uF 50V K		C8210	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C6723	NCB21HK-103X	C CAPACITOR	0.01uF 50V K		C8211	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6724	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	M1SLEF	C8212	QETJ1CM-227Z	E CAPACITOR	220uF 16V M	
C6751	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M		C8213	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6753	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M		C8214	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C7202	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M		C8215	QETJ1EM-476Z	E CAPACITOR	47uF 25V M	
C7203	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M		C8217	QETJ1EM-476Z	E CAPACITOR	47uF 25V M	
C7301	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M		C8219	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	
C7302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C8220	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C7303	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C8301	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C7304	NCB31EK-103X	C CAPACITOR	0.01uF 25V K		C8302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7305	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C8303	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7306	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C8304	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7307	QEKJ0JM-226Z	E CAPACITOR	22uF 6.3V M		C8305	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7308	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C8306	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7309	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C8307	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7310	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C8308	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7311	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C8311	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C7316	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8312	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7317	QENC1HM-104Z	BP E CAPACITOR	0.1uF 50V M		C8313	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7318	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8314	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7319	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8315	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7320	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8316	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7321	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8317	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7322	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8318	NCF21AZ-475X	C CAPACITOR	4.7uF 10V Z	
C7323	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8321	QETN1CM-227Z	E CAPACITOR	220uF 16V M	
C7324	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7325	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M		C8323	QETN1CM-227Z	E CAPACITOR	220uF 16V M	
C7327	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		C8324	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7330	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C8401	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
C7331	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C8402	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7334	NDC31HJ-681X	C CAPACITOR	680pF 50V J		R3011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7335	NDC31HJ-681X	C CAPACITOR	680pF 50V J		R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7336	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R3016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7337	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R3017	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C7338	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R3018	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C7339	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M						

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R3022	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R3025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3029	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4039	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4040	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R3040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4041	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R3041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4044	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R3044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4045	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3046	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3047	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3048	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4048	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3050	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4145	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3051	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4146	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3052	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3053	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4203	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3054	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4205	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4209	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3062	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4210	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3063	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4211	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3066	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4301	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	M1SLEF
R3069	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	M1SLEF
R3071	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4304	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	M1SLEF
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4305	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	M1SLEF
R3073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4306	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	M1SLEF
R3075	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4307	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	M1SLEF
R3076	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R4308	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	M1SLEF
R3085	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4309	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	M1SLEF
R3086	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4310	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	M1SLEF
R3088	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4311	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	M1SLEF
R3089	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	M1SLEF
R3090	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4317	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	M1SLEF
R3094	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4318	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	M1SLEF
R3095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4319	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	M1SLEF
R3096	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4320	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	M1SLEF
R3203	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R6020	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R3213	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		R6021	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R3214	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J		R6030	NRSA02J-332X	MG RESISTOR	3.3kΩ 1/10W J	
R3218	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R6031	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J	
R3219	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R6032	NRSA02J-183X	MG RESISTOR	18kΩ 1/10W J	M1SLEF
R3220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R6033	NRSA02J-183X	MG RESISTOR	18kΩ 1/10W J	M1SLEF
R3223	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R6080	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R6707	NRSA02J-330X	MG RESISTOR	33Ω 1/10W J	
R3229	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J		R6708	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R3230	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R6709	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R3231	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R6710	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R3233	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6711	NRSA02J-104X	MG RESISTOR	100kΩ 1/10W J	
R3234	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6712	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R3235	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R6713	NRSA02J-123X	MG RESISTOR	12kΩ 1/10W J	
R3236	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R6714	NRSA02J-102X	MG RESISTOR	1kΩ 1/10W J	
R3239	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6715	NRSA02J-123X	MG RESISTOR	12kΩ 1/10W J	
R3240	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6716	NRSA02J-470X	MG RESISTOR	47Ω 1/10W J	
R3242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R6719	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3248	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6720	NRSA02J-562X	MG RESISTOR	5.6kΩ 1/10W J	
R3251	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6721	NRSA02J-562X	MG RESISTOR	5.6kΩ 1/10W J	
R3252	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7141	QRE141J-121Y	C RESISTOR	120Ω 1/4W J	
R3256	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7202	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3257	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7203	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3258	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7204	QRE121J-100Y	C RESISTOR	10Ω 1/2W J	
R3260	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7301	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7302	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R4003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7303	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R4004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7304	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7305	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7306	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R4009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R4010	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R7308	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R4011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R4012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7314	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4017	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7315	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4018	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R7318	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4021	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R7319	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4026	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7320	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4027	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R7335	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4028	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R7336	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4029	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7337	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R7338	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8251	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7339	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		R8252	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7340	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8301	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7341	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8302	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7342	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8303	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7343	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8304	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7344	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8305	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7345	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7346	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J		R8307	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7347	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8308	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7349	QRE121J-331Y	C RESISTOR	330Ω 1/2W J		R8309	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7350	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R8310	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7351	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R8311	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7352	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R8312	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7353	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8313	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7354	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8314	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7355	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8315	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R7356	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R8316	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R7357	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8321	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7358	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8322	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7359	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8323	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7360	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8324	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7361	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R8325	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7367	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R8326	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7368	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L3001	QQL231J-R22Y	COIL	0.22uH J	
R8001	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J		L4001	QQL29BJ-100Z	P COIL	10uH J	
R8002	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J		L4002	QQL29BJ-100Z	P COIL	10uH J	
R8007	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L4004	QQL071J-330Y	COIL	33uH J	
R8008	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L4006	QQL29BJ-100Z	P COIL	10uH J	
R8013	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L4007	QQL071J-8R2Y	COIL	8.2uH J	
R8014	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L4201	QQL29BJ-100Z	P COIL	10uH J	
R8015	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L4301	QQL29BJ-100Z	P COIL	10uH J	M1SLEF
R8016	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L6001	QQL29BJ-100Z	P COIL	10uH J	
R8017	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D		L6002	QQL29BJ-100Z	P COIL	10uH J	
R8019	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L6005	QQL29BJ-100Z	P COIL	10uH J	
R8020	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L6701	QQL29BJ-3R3Z	P COIL	3.3uH J	
R8021	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L6702	QQL29BJ-3R3Z	P COIL	3.3uH J	
R8022	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L7201	QQL29BJ-100Z	P COIL	10uH J	
R8023	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L7325	QQL071J-6R8Y	COIL	6.8uH J	
R8024	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D		L8001	NQL024J-220X	P COIL	22uH J	
R8026	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D		B4001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8031	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D		B4002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8032	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D		B4121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8033	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		B4122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8034	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		B4123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8035	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		B4124	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8036	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		B7103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		B7301	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	M1SLB,M1SLE
R8039	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		B7302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	M1SLEF
R8201	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		CN3001	QGF1208F1-18	CONNECTOR	FFC/FPC (1-18)	
R8202	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		CN3002	QGF1207C1-09	CONNECTOR	FFC/FPC (1-9)	
R8203	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		CN4101	QGB1233L1-80	CONNECTOR	B-B (1-80)	
R8204	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		CN4104	QGB2027M1-10S	CONNECTOR	DIGITAL	
R8206	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN4301	QGB2024K1-04S	CONNECTOR	B-B (1-4)	M1SLEF
R8211	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D		CN4302	QGB2024J1-04S	CONNECTOR	B-B (1-4)	M1SLEF
R8212	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D		CN5101	QGB1231M1-19	CONNECTOR	B-B (1-19)	
R8213	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D		CN5102	QGB1231M1-09	CONNECTOR	B-B (1-9)	
R8214	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D		CN7101	QGF1208F1-09	CONNECTOR	FFC/FPC (1-9)	
R8215	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D		CN7301	QGD2503C1-04	CONNECTOR	(1-4)	
R8216	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D		CN7302	QGF1207C1-04	CONNECTOR	FFC/FPC (1-4)	
R8217	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D		FW8501	QUM023-09A4BF	PARA RIBON WIRE		
R8218	NRSA63D-432X	MG RESISTOR	4.3kΩ 1/16W D		J4001	QNN0383-002	PIN JACK	VIDEO/AUDIO(L/R)	
R8219	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D		J4004	QND0116-001	S JACK	S-VIDEO	
R8220	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D		J4109	PU60612	MINI JACK	AV COMPU LINK áv	
R8221	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D		J4110	PU60612	MINI JACK	SAT CONTROL	
R8222	NRSA63D-121X	MG RESISTOR	120Ω 1/16W D		J4112	QNZ0575-001	D CONNECTOR	F-DV	
R8223	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		J7301	QNZ0516-001	RGB CONNECTOR	L-1 IN/OUT	
R8224	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		J7302	QNZ0516-001	RGB CONNECTOR	L-2 IN/DECODER	
R8231	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		J7309	QNN0349-002	PIN JACK	COMPONENT VIDEO OUT(S-VIDEO OUT)	
R8232	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J8401	GP1FA313TZ	OPT TRANSMITTER	DIGITAL AUDIO OUT(OPTICAL)	
R8233	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		K4105	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8234	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		K4106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8241	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		K4107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8242	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		K6701	NQR0200-003X	FERRITE BEADS		
R8243	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		K6702	NQR0200-003X	FERRITE BEADS		
R8244	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		K6703	NQR0200-003X	FERRITE BEADS		
R8249	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J						
R8250	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J						

△ Symbol No.	Part No.	Part Name	Description	Local
K6704	NQR0200-003X	FERRITE BEADS		M1SLEF
K6705	NQR0200-003X	FERRITE BEADS		
K6706	NQR0200-003X	FERRITE BEADS		
K6707	NQR0200-003X	FERRITE BEADS		
K8001	NQR0339-001X	FERRITE BEADS		
K8002	NQR0339-001X	FERRITE BEADS		
K8003	NQR0339-001X	FERRITE BEADS		
K8201	NQR0339-001X	FERRITE BEADS		
K8202	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
K8401	NQR0339-001X	FERRITE BEADS		
OT1	PEME0946-04	SPACER	(x3)	M1SLB,M1SLE
OT2	QZW0021-001	PC SUPPORT		
S7113	QSW0381-001Z	TACT SWITCH	SKIP+	
S7114	QSW0381-001Z	TACT SWITCH	PAUSE	
S7115	QSW0381-001Z	TACT SWITCH	STOP	
S7132	QSW0381-001Z	TACT SWITCH	OPEN CLOSE	
S7133	QSW0381-001Z	TACT SWITCH	SKIP-	
S7134	QSW0381-001Z	TACT SWITCH	REC	
S7135	QSW0381-001Z	TACT SWITCH	PLAY	
TU6001	QAU0261-002	TUNER		
TU6001	QAU0299-001	TUNER		M1SLEF
W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W2	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W5	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W8	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W11	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	M1SLE
W12	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	M1SLEF
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W29	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W30	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W31	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	M1SLEF
W32	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W33	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W34	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
W414	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
W422	QCFB1HZ-105Y	C CAPACITOR	1uF 50V Z	
X3001	QAX0445-001	CRYSTAL	32.768kHz	
X3001	QAX0444-001	CRYSTAL	32.768kHz	
X3002	QAX0527-001	CRYSTAL	10.000000MHz	
X4001	QAX0576-001	CRYSTAL	4.433619MHz	
X6701	QAX0443-001	CRYSTAL	18.432MHz	

## Front board

Block No. [2][8]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10201-01B2	FRONT BOARD ASSY		
IC7001	UPD16315GB-3BS	IC	FL Display driver	
IC7001	or PT6315	IC	FL Display driver	
IC7002	GP1UM261XK	IR DETECT UNIT	Receiver	

△ Symbol No.	Part No.	Part Name	Description	Local
Q7001	DTA114ESA-T	DIGI TRANSISTOR		
D7001	1SS133-T2	DIODE		
D7001	or 1SS270A-T2	SI DIODE		
D7002	1SS133-T2	DIODE		
D7002	or 1SS270A-T2	SI DIODE		
D7003	1SS133-T2	DIODE		
D7003	or 1SS270A-T2	SI DIODE		
D7021	RD9.1ES/B2/-T2	Z DIODE		
D7021	or MTZJ9.1B-T2	Z DIODE		
D7043	SLA-580BC3T3F	LED		
C7001	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7002	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7003	QEKJ1HM-106Z	E CAPACITOR	10uF 50V M	
C7006	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C7008	QERF1AM-227Z	E CAPACITOR	220uF 10V M	
C7010	QCFB1HZ-473Y	C CAPACITOR	0.047uF 50V Z	
C7011	QCFB1HZ-473Y	C CAPACITOR	0.047uF 50V Z	
R7001	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7002	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7003	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
R7005	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R7006	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R7007	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R7009	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7010	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7013	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R7014	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R7015	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R7043	QRE141J-121Y	C RESISTOR	120Ω 1/4W J	
CN7001	QGF1210G1-18	CONNECTOR	FFC/FPC (1-18)	
DI7001	QLF0124-001	FL TUBE		
HD1	PQ34949-1-1	FDP HOLDER(L)		
HD2	PQ34950-1-1	FDP HOLDER(R)		
S7001	QSW0381-001Z	TACT SWITCH	REC LINK	
S7002	QSW0381-001Z	TACT SWITCH	CH+	
S7021	QSW0381-001Z	TACT SWITCH	OPERATION	
S7022	QSW0381-001Z	TACT SWITCH	CH-	
S7023	QSW0381-001Z	TACT SWITCH	REC MODE	

## AV Out board

Block No. [2][9]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10201-02A4	AV OUT BOARD ASSY		
C7326	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C7365	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7367	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R7327	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7328	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R7365	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7366	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN7312	QGF1208F1-04	CONNECTOR	FFC/FPC (1-4)	
FW7301	QUM024-12A4BF	PARA RIBON WIRE		
J7307	QNN0295-004	PIN JACK	S-VIDEO OUT	
J7308	QND0009-001	S JACK	AUDIO OUT(RIGHT/LEFT)	



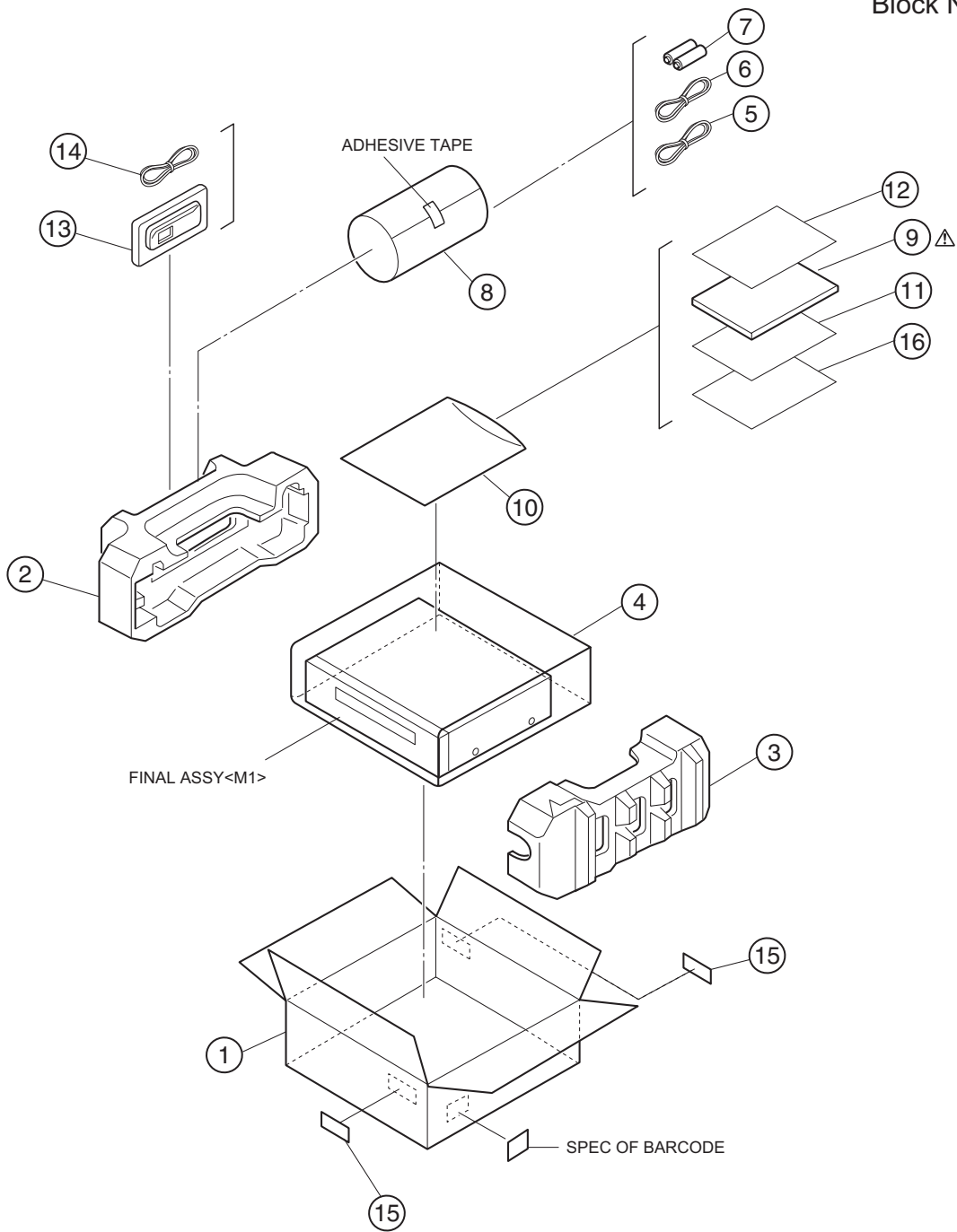
## Coax out board

Block No. [9][4]

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LPA10201-02A3	COAX OUT BOARD ASSY		
IC8501	74VHCT08ASJ-X	IC	2-input AND gate	
C8501	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C8502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8503	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8504	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C8505	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R8501	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J	
R8502	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J	
R8503	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J	
R8504	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R8505	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R8506	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
L8501	QQL071J-1R0Y	COIL	1uH J	
CN8501	QGD2503C1-03	CONNECTOR	(1-3)	
J8501	QNN0096-001	PIN JACK	DIGITAL AUDIO OUT(COAXIAL)	
K8501	NQR0227-004X	FERRITE BEADS		

Packing materials and accessories parts list

Block No.M2MM



## Packing and accessories

Block No. [M][2][M][M]

△ Symbol No.	Part No.	Part Name	Description	Local
1	LP31277-001B	PACKING CASE		
2	LP10496-001A	CUSHION(L)		
3	LP10497-001A	CUSHION(R)		
4	PQM30021-93	POLY BAG		
5	PEAC0300-02	RF CABLE		
6	QAL0517-005	LED CABLE ASSY		
7	R6PRPA-2ST	BATTERY	(x2)	
8	QPC02202230P	POLY BAG	22cm x 22cm	
△ 9	LPT0827-001B	INST.BOOK	(ENGLISH)	M1SLB
△ 9	LPT0779-001B	INST.BOOK	(ENGLISH)	M1SLE
△ 9	LPT0779-002B	INST.BOOK	(GERMANY)	M1SLE
△ 9	LPT0779-003B	INST.BOOK	(FRENCH)	M1SLE
△ 9	LPT0779-004B	INST.BOOK	(DUCH)	M1SLE
△ 9	LPT0779-005B	INST.BOOK	(SPANISH)	M1SLE
△ 9	LPT0779-006B	INST.BOOK	(ITALIAN)	M1SLE
△ 9	LPT0779-007B	INST.BOOK	(SWEDISH)	M1SLE
△ 9	LPT0779-008B	INST.BOOK	(DANISH)	M1SLE
△ 9	LPT0828-001C	INST.BOOK	(FRENCH)	M1SLEF
10	QPC02503530P	POLY BAG	25cm x 35cm	M1SLB,M1SLE,M1SLE,M1SLEF
11	VNA3000-204	REGISTER CARD		M1SLB
12	BT-54013-7	WARRANTY CARD		M1SLE
12	BT-54008-6	GUARANTY CARD		M1SLB,M1SLEF
13	RM-SDR002E	REMOCON UNIT		
14	QAM0502-002	PERI CABLE		
15	LP41121-001A	STICKER(CARTON)	(x2)	
16	LPT0779-009A	SHEET(GUIDE.CH)		M1SLE,M1SLEF



VICTOR COMPANY OF JAPAN, LIMITED  
AV & MULTIMEDIA COMPANY OPTICAL DISC CATEGORY 1644, Shimotsuruma, Yamato, Kanagawa 242-8514, Japan

(No.XA013)



Printed in Japan  
WPC